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WASHINGTON WHITE FOWLS FOR SHOWS

OCTOBER, 1907

THE INDUSTRIOUS HEN

ONE YEAR 50c.—THREE YEARS \$1

AN ILLUSTRATED MONTHLY
FOR
POULTRY, LIVE STOCK AND THE FARM

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Published
By
**THE INDUSTRIOUS HEN
COMPANY**
Knoxville Tenn.



VIRGINIA AS A HOME FOR POULTRYMEN

JONES, THE WYANDOTTE MAN

WITH HIS

Strongest Blood Lines on Earth

Has moved to his new farm, Nashville, Tenn., and has more and better birds to offer this season than any former year. They are the results of proper matings and improvement.

No breeder of Wyandottes has made such improvement and produced as many winners at the largest shows of the country. They not only win for me, but for my many satisfied customers the world over. The feature of the New Zealand Exposition was the Silvers I exported to that country. If you want winners and high class breeders, I can supply you in

Silver, Golden and White Wyandottes

Send for full list of winnings and my handsome 36-page catalogue, printed in colors.

30 high class Collie puppies for sale and a few bred bitches. Remember the address

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Nashville, - Tennessee



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Whether exhibited by myself or by my customers, my birds never fail to win their share—the "lion's share"—of all the prizes. They have won this season, as heretofore, in the strongest shows, North, East, South and West. For this there is a reason:

THEY ARE BRED TO WIN.

The ACME WHITE WYANDOTTES were originated and introduced by myself, and have met with marvelous success in the different shows of the country. I have shipped stock and eggs to thousands of customers all over the world, and up to date I have never heard from a single person in complaint that my stock was not as represented. How could they be other than satisfied? For the birds I sell are what their name indicates—the "ACME" of White Wyandotte breeding—bred by a man who knows what it takes to make a winning White Wyandotte, and whose business it is to breed and sell show birds.

Hundreds of Testimonials—Vouch for my ability to "deliver the goods," and testify that I always deal with my customers on the square. My customers come back to me from year to year, because they know that the birds I sell are

BRED FOR MERIT AND SOLD ON HONOR.

I mate and breed my birds for the highest possible exhibition quality, and at the same time give attention to their egg-producing qualities. There are no better egg-producers in the world than the ACME WHITE WYANDOTTES, and they have proven as superior in this regard as in their prize-winning qualities, having laid in my own yards an average of 214 eggs to a pullet in one year—individuals laying as high as 270 eggs during the twelve months. The strain that is superior to the ACME strain does not exist.

Description of Birds, Terms and Prices on Application. Write for my Illustrated Circular.

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JOHN W. BOSWELL, Jr., Proprietor,

R.F.D. No. 1, BECKWITH, TENN.



A Hale Winner

BARRED PLYMOUTH ROCKS FOR SALE

To make room for hundreds of youngsters I am offering for sale all my breeding stock, consisting of seventy-five yearling hens and seven cock birds. This is your opportunity to get the very **CREAM OF THE SOUTH IN BARRED ROCKS** at less than half their value. Remember that HALE'S ROCKS have never failed to win first honors wherever exhibited. Look up my show record. The finest lot of birds I ever saw together, and they must all go, as I am compelled to make room.

Write me to-day for prices on these beauties.

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Don't Miss It!

THE GREATEST SHOW OF THE SOUTH



All eyes in poultrydom are now turned toward Knoxville, Tenn., and the **Great Poultry Show** of the East Tennessee Poultry Association, scheduled for January 8, 9, 10, 11, 1908. Everything points to the biggest show the South ever witnessed. Two of the South's leading judges—Judge D. M. Owen, of Athens, Tenn., and Judge Loring Brown, of Smyrna, Ga.—will judge this show and place the ribbons. This feature alone will cause hundreds of fanciers to get busy and get ready. Entries close January 1. For full information address

East Tennessee Poultry Association
Knoxville, Tennessee.

J. T. OATES, Secretary-Treasurer.

THE BIGGEST AND BEST

Poultry Show in the South—Don't Miss It.

BLACK LANGSHANS WHITE ROCKS

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SECRETARIES OF POULTRY SHOWS:

The above are samples of Coop Labels to be put on every coop in your show. Many people visiting poultry shows are compelled to ask questions about birds that could be easily answered by a label. These labels are 1½x11 inches, printed in black ink on good white board and are to be tacked on the coops.

WRITE US FOR SAMPLES AND PRICES of Coop Labels, Standard Score Cards, Return Express Tags, Coop Tags with name of Association, and any other poultry printing, and save time, confusion and expense.

There is no better advertisement for a show than to have it properly tagged.

THE INDUSTRIOUS HEN CO.,

KNOXVILLE, TENN.

HOW CAN YOU LOSE?

How Can You Be Out a Penny

In using it, in giving it a chance? How can you go wrong in trying it, in testing it for 30 days, in letting the experience of thousands guide you, when you don't pay a penny until it is proven, until you can say with gladness and gratitude "It is all right. It is the best thing I ever struck. It is an honest remedy." What risk do you run when we take positively and absolutely all the risk? How can you refuse when everything is in your favor, when it is all one-sided (your side), when we must show you before we can see a penny of your money, must be entirely satisfied with your decision, whether it be Yes or No? When it does the work you will gladly pay for it. If it fails, we lose. You don't! You cannot lose one way or another because you have not one single, solitary penny at stake. But you stand to win a great deal that you want, a great deal that you are fighting for—**health, strength, vigor and comfort—Yes, even Life.** No one can lose a single penny by trying it for thirty full days, but thousands gain freedom from disease, from Stomach torture, from Kidney tyranny, from Bowel enslavement, from Heart-fear, from Rheumatic bonds. No one can throw away a cent in testing it, but thousands throw away the shackles of disease and become **healthy, natural and normal men and women.** How can you refuse, when here, right at your elbow, right within your reach, **ready and waiting for you to turn and get it,** is the thing that has set thousands right, yours for the mere asking. Read our thirty day trial offer, read what Vitæ-Ore is, and then **act immediately.**

OUR TRIAL OFFER

If You Are Sick we want to send you a full sized \$1.00 package of Vitæ-Ore, enough for 30 days' continuous treatment, by mail, postpaid, and we want to send it to you on 30 days' trial. We don't want a penny—we just want you to try it, just want a letter from you asking for it, and will be glad to send it to you. We take absolutely all the risk—we take all chances. You don't risk a penny! All we ask is that you use V.-O. for 30 days and pay us \$1.00 if it has helped you, if you are satisfied that it has done you more than \$1.00 worth of positive, actual, visible good. Otherwise you pay nothing, we ask nothing, we want nothing. Can you not spare 100 minutes during the next 30 days to try it? Can you not give 5 minutes to write for it, 5 minutes to properly prepare it upon its arrival, and 3 minutes each day for 30 days to use it? That is all it takes. Cannot you give 100 minutes time if it means new health, new strength, new blood, new force, new energy, vigor, life and happiness? You are to be the judge. We are satisfied with your decision, are perfectly willing to trust to your honor, to your judgment, as to whether or not V.-O. has benefited you. Read what V.-O. is, and write today for a dollar package on this most liberal trial offer.

WHAT VITÆ-ORE IS.

Vitæ-Ore is a mineral remedy, a combination of substances from which many world's noted curative springs derive medicinal power and healing virtue. These properties of the springs come from the natural deposits of mineral in the earth through which water forces its way, only a very small proportion of the medicinal substances in these mineral deposits being thus taken up by the liquid. Vitæ-Ore consists of compounds of Iron, Sulphur and Magnesium, elements which are among the chief curative agents in nearly every healing mineral spring, and are necessary for the creation and retention of health. One package of this mineral substance, mixed with a quart of water, equals in medicinal strength and curative, healing value, many gallons of the world's powerful mineral waters, drunk fresh at the springs.

Makes Strong, Healthy Women.

Woman may be called the most perfect piece of mechanism in all God's creation, but from the nature of her organization, she is the most delicate. It is due to the ease with which irregularities may creep in that not half of the women of today are entirely free from some of the many and varied ailments peculiar to their sex. Many object to or are financially unable to "begin doctoring" and so struggle along and suffer in silence, bearing a crushing weight of distress, torture and disease. Vitæ-Ore is a true "Balm of Gilead" to such sufferers and is markedly successful in promptly alleviating and permanently remedying many diseased conditions which keep women from the full enjoyment of active life. Every woman should use it.

Builds Robust, Vigorous Men.

The proudest glory of man lies in his health and strength. To be entirely successful he must possess strong nerves, a clear brain, and a sound body full of energy, vitality and manly vigor. Without health of body man cannot be at his best mentally. Health builds up that strength and character of mind which goes so far to insure true and complete happiness as well as success. If disease or debility take the place of the health, activity and energy of youth and early manhood, the mental forces become impaired along with the physical. When this time comes, Vitæ-Ore proves a regenerator which fills the blood with renewed energy, correcting irregularities, curing disease and restoring the force and vitality so necessary to success and happiness.

Just Write This in a Letter:

"I am sick. I need Vitæ-Ore or something that will cure me. I have seen your trial offer. Send me a Dollar package. I will use it and pay you the Dollar if it helps me. I will not pay one penny if it does not help me." That is all it takes. Just a letter asking for it. We and Vitæ-Ore do the rest.

THOUSANDS OF PEOPLE

In all parts of the United States have testified to the efficacy of Vitæ-Ore in relieving and curing Rheumatism, Kidney, Bladder and Liver Diseases, Dropsy, Stomach Disorders, Female Ailments, Functional Heart Trouble, Catarrh of any part, Nervous Prostration, Anæmia, Sores and Ulcers, and worn-out conditions.

FEELS LIKE A NEW BEING

Rev. J. H. Maice, The Blind Evangelist, Tells of His Complete Cure.

Rev. J. H. Maice, Author and Preacher, familiarly known all over central Pennsylvania as "The Blind Evangelist," a term by which he is held in sweet reverence by the thousands who have come under the magic of his eloquent voice and the charm of his gentle personality, knows the powers of Vitæ-Ore, having been restored by it to health and a life of activity. Read what he says:



CARLISLE, PENN.—For many long years I had been suffering from Sciatica and Muscular Rheumatism; at times I thought that it must kill me. No one can imagine what I endured from this dread disease. I had spent a great deal of money for doctors and all sorts of remedies, but found nothing to cure me. I was also troubled with Piles, a palpitating and weak Heart, my Kidneys were disordered, my Liver in bad shape, and altogether I had a goodly share of the trials which fall to the lot of man. On the 24th day of November, 1903, I began to use Vitæ-Ore. The results were astonishing. I had not finished the third package before my Piles had entirely disappeared and my Rheumatism, which had so long remained unconquered, was much improved. I continued using it until I had taken in all about eight packages. I can safely say that I am entirely cured of all my diseases, aches and pains, and feel like a new being. I also know many others who have been cured of many different diseases through the use of Vitæ-Ore. A prominent minister at this place was suffering from Vertigo and Stomach Trouble and began using it upon my recommendation. One package cured him, soundly and perfectly. I can only say to all, try it and see for yourself that its merit has not been exaggerated. I believe in it, because I know.

REV. J. H. MAICE.

Serious Complication Cured

Was Bedfast for Seventeen Weeks—Had Not A Sound Organ in Body.

WALLACE, NEB.—Vitæ-Ore was the means of saving my life and rescued me from an existence that was almost unbearable. I had been suffering for a long time with Nervous Prostration, Palpitation of the Heart and Smothering Spells, Female Weakness, Catarrh of the Head, Throat and Stomach, Kidney and Bladder Trouble. In fact, I do not believe I had a sound organ in my body. I was bedfast for seventeen weeks, when I was induced to give Vitæ-Ore a trial. I think it was a God-send, as all my diseases began to yield immediately and I am now cured. I can do all my housework with pleasure and sleep like a child and have a very good appetite. I have taken Vitæ-Ore for only two months and have gained 15 pounds. I hope every sufferer will try this remedy.



MRS. J. O. PURBAUGH.

ADDRESS, THEO. NOEL COMPANY H. A. DEPT. VITÆ-ORE BUILDING CHICAGO, ILL.

THE INDUSTRIOUS HEN

An Illustrated Monthly for Poultry, Live Stock and the Farm

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(Whole No. 41) No. 5

POULTRY WORK FOR OCTOBER

BY THE EDITOR

IT is time now to put up your pullets. Go through them carefully and select those you will keep, put them in their winter quarters so they may become accustomed to the houses and runs by the time they begin to lay. If you wait too long they may be checked up in their laying till cold weather comes and then maybe till spring. In culling it might be well to make three selections—those for show, those for future breeders, and those for market eggs alone. Get rid of all surplus cockerels, it does not pay to keep them any longer; caponize those three to four months old, and you will have something fine around Christmas, both to sell and for your own table.

With your pullets up and the cockerels disposed of, you can turn the older hens out on free range for a couple of weeks or longer if the weather is right. It will give them a rest and vacation, and when you pen them again they will be in fine shape for the business of the winter and the succeeding breeding season. If you have not done so, put the males to themselves and let them stay there till you are ready to make your matings. Fix those leaky roofs now; go carefully over them all and fix up such places as are likely to leak. It's not too late to plant turnips or rape for winter forage. Plow or dig up the yards before putting the birds in them. If possible, have extra runs which you can plant now. If this is not possible, fence off a corner in each run and plant that for green feed.

Before putting the birds in the pens and runs, dust them carefully with lice powder, whether they have lice or not, though it is seldom that the latter is the case. The houses must be whitewashed, the roosts taken down, soaked in oil and burned off, all the old litter removed and the nest boxes must be cleaned, sunned and oiled or whitewashed before putting the birds in. On another page we publish the government recipe for whitewash which is the best. Beef scraps should be fed now, and sunflower seed especially, for your young show birds; be sure to give plenty of charcoal to prevent indigestion and also for their general good health. Get rid of your old hens now, except a few extra good ones you wish to keep for breeders; put them up for ten days and feed on moistened cracked corn and corn meal. Keep them in clean, partly dark, and rather confined quarters. In this way they will fatten rapidly.

If you have any late hatched chicks, give them sheltered quarters so they can keep out of the chilly fall rains; give them extra care and feed. If you have clover on your place, or can buy any, get some second growth and put it up for the chickens next winter; they will eat it dry or you can steam it for them. Now is the time to get some road dust, put it in barrels and boxes under shelter for winter use. Collect all the leaves you can; they make a fine litter for hens to scratch in. Put away all your brood coops, clean the brooders up, and house them for the winter; they will last you much longer. Look over your incubators, see that the moths have not eaten up the felt in them. Look them over and order now any parts which may be missing or damaged.

Attend your nearest poultry show; it will be a pleasure and of value to you. Pick out some birds for the winter shows, get all the likely ones together where you can see them daily and cull down to the best; keep them in clean straw and out of the rain. When you have some picked out, begin to train and groom them well in advance of the show, six weeks or a month before hand. If you have anything to sell now is the best time to begin your advertising. Business is

being done now more and more in the fall. Resolve to keep an accurate account of your poultry operations and do it. It will be a source of pleasure as well as profit to you. To succeed you must work, then work a little more, and finally work some more.

THE INDUSTRIOUS HEN CUP

WE show here a cut of one of the beautiful gold lined silver loving cups offered by THE INDUSTRIOUS HEN. This is one of the most graceful cups we have ever seen; it stands 7½ inches high to the top of handles, and has a beautiful wreath of grapes and leaves encircling the rim, making a beautiful gift for any occasion, and a prize that every poultryman will covet. Three of these cups have



been offered at the East Tennessee Poultry Association show at Knoxville, Tenn., January 7-11, 1908, for the best general exhibit, best exhibit in American class and best exhibit in Mediterranean class, exhibit to consist of a pen or more of birds. The cups will be awarded for the greatest number of points, first to count 4, second 3, third 2, fourth 1. We have also offered one of these cups to be competed for at the Tennessee State Breeders' Association show at Nashville, Tenn., January 6-10, 1908. This cup will be for the best exhibit at the show, to be awarded in the same manner as the cups at the East Tennessee show.

THE CARE OF BIRDS IN SEASON

WRITTEN FOR THE INDUSTRIOUS HEN BY JUDGE J. C. CLIPP

WE are in receipt of a letter from a customer asking why it is his fowls should contract roup at this time of the year when all nature seems to be in favor of all living creatures. The fact is, improper management; the youngsters have been allowed to remain in brood coops too closely or if required to roost in buildings, the ventilation has evidently been poorly supplied. Youngsters should be compelled to roost out in the open at this season of the year and not permitted to "cram" up in the small brood coops. Ventilation, or fresh air, is highly essential to the health, not only to poultry, but all animal life. Poultry keepers must necessarily use common sense in raising poultry. Ninety-five per cent of the diseases contracted by both man and fowls find their origin in the matter of neglect, and in the majority of instances due to improper ventilation or the want of sufficient fresh air.

That man or woman does not live that can raise stock or fowls without providing them with a proper amount of fresh air—fresh air is the seat of life, and must be obtained abundantly and not limited as in the case with many of us. We can not leave the management of fowls to an inexperienced person. If we do, we may look for the worst. If we are inexperienced ourselves, then we should read all the poultry literature possible in order to gain knowledge of the art of raising poultry. Poultry keeping is an art of the highest degree, hence it is necessary then for us to post up to become well informed on the subject of intelligent poultry keeping. We are quite well informed that if fowls are too closely housed or too "stuffy" in the brood coops they will soon contract roup, and then losses may be expected. There is no room to dispute the general opinion of poultry keepers that the seat of the majority of diseases in poultry is due largely to exposure, producing the various diseases poultry fall heir to. Consequently such results is the price received for neglect.

There is good money in intelligent poultry keeping if the work can be given our personal attention. The droppings from poultry, if intelligently managed, is a source of much profit. Poultry droppings is a most valuable plant food. We are reliably informed, however, that the value of poultry droppings depends largely on the kind of food consumed by the fowls. Hence there can be no fixed value on a given amount,

but it is possible to arrive somewhere near the actual valuation of the different grades of manure. However valuable the droppings may be, unless carefully preserved, will depreciate in value very rapidly. Therefore it is necessary for us to give our attention to every phase of poultry keeping in order that we may realize a profit. We are informed by the proper authorities that fresh poultry droppings contain at least sixty per cent of moisture, which means about forty per cent of ammonia, but when properly preserved contains a much greater amount of ammonia, while if allowed to leach away by the rains and snow it depreciates in both phosphoric acid and ammonia, therefore it will pay the farmer or poultryman to intelligently handle all fresh manure collected for direct application to the soil, so as to be able to show profitable receipts from the flock. If we look after the minor details of the flock there can be no excuse offered for failure. There is always a good demand for first class products of all kinds, therefore it will pay better to grow only prime stuff than inferior stuff. Keep the fowls healthy, apply all the droppings to the soil, so as to raise plenty of grain to feed them throughout the winter, as the future crop of fowls largely depends on the care and management of the present flock.

It will be money well spent to invest in a five years' subscription to a live poultry journal such as THE INDUSTRIOUS HEN, in order to keep posted on all phases of poultry keeping. A one year's subscription does not buy a sufficient amount of information to warrant us the ability of mastering all the difficult problems in poultry keeping. There are a number of brilliant articles appearing each month revealing the experience of the more successful poultry keepers; hence, the experiences of the numerous successful poultrymen and women will safely launch us over on the side of profitable poultry raising. To know all things about poultry is a big book. If we wish to keep fowls at a profit we must learn the art of preventing roup and other various poultry troubles. We must be educated how to get money out of the business and escape the sayings used by many that "there is no money in poultry," "poultry does not pay," etc. Poultry keeping is a branch of farming that requires some knowledge of the work, hence we say, don't fail to read more or less poultry literature if you hope to be successful.

SELECTING THE MATINGS FOR HIGHER QUALITY

WRITTEN FOR THE INDUSTRIOUS HEN BY F. S. BULLINGTON

NO breeder or fancier of thoroughbred poultry should wait until the breeding season is at hand before they select the males to head their matings, or the females that will go in their pens for the season's breeding. For the elevation of the quality in their stock, the matings should be carefully considered and worked out for weeks and even months before the time comes to select the breeding stock. It is a great mistake to just select a few females and mate them to a male, and call that a mating, especially if one is after higher quality, and offers to the public eggs for hatching purposes, or stock for breeding. The greatest of care is needed to increase the quality to nearer the standard requirements, and the purchasers today are clamoring for better quality more than they ever did before. Start just as soon as you break the pens after one season, and select from the breeders those females and males that have shown by their offspring that they breed true and of good characteristic breed qualities, and reserve these tried breeders for another season, mating the best of the cockerels to the last season's selected hens, and the cock birds to the pick of the flock of pullets. Careful selection as to having the females all as near alike and according to the ideals as are put before us to follow, is desired, and these females mated to a male that has also been carefully selected, will surprise you as to the way they will reproduce themselves in their chicks. How many times have we noticed one or more youngsters in our runs, that seem almost to be a part of one of our breeders. Thus the Mendel law has about proven it is correct as to like producing like, along the same lines as a child so near resembling one of or both of its parents. More matings of fewer birds is to be

desired to increase the quality. Do not put too many females to a male. Because the rule is to use ten or twelve hens to a rooster, do not follow it. If you only have three or four choice females, mate them to a select male, and continue on in this manner through your matings. It is well known that the breeders who have produced many of our noted prize winners, have had matings of only one female and a male, and that pair had produced more youngsters that were of standard high-class quality, than a pen of eight to ten females and a male would produce.

Competition is always getting keener, and the painstaking breeder who selects his matings with the greatest care, is causing many of the haphazard sort of fellows to open their eyes in wonder. Some of the little back yard fellows who work heart and soul over their stock, every now and then comes out and creates a stir that many of the breeders of numbers would give hundreds of dollars to get their names before the public in a like manner.

When you have selected the cocks, hens, cockerels or pullets, as they may be, give them the best of attention possible, look well after their condition, so as to have them start in the season full of vigor, and ready to do their best. The male birds should not be allowed to run with females, out of the breeding season, nor should the females run with any males; the vitality is destroyed to a certain extent and poor fertility is the outcome at the arrival of the mating season, or before the season is half over. Should you, however, in keeping the females and males apart, have to keep the males in coops, have them roomy, that they may get good exercise out of straw kept constantly in the coops, and keep the coop clean, the birds free from vermin, and always before them a supply of grit, charcoal and pure water.

WASHING WHITE FOWLS FOR SHOWS

BY THE EDITOR

IN preparing a bird for the show room the main object is to minimize defects and bring out good points to greatest advantage. The winning or score of a bird is often affected by the bird's first appearance or the general impression made on the judge at the first glance. In scoring nearly half of the points are allotted to color and it is therefore one of the most important matters to be considered.

The points for shape, form and carriage are matters which can be prepared for best by a system of daily training and handling two months or six weeks before the show dates. The cleaning of a white fowl is a matter of time, patience and hard work. A good number, if taken in hand far enough in advance of show dates, will be found to be fairly clean. If yarded in clean quarters with plenty of clean straw in houses, kept constantly fresh, a good dust bath, plenty of shade and not allowed to get wet by exposure to rain, a large number of the birds will clean themselves enough for show purposes, and will retain that glossy look which a washing is liable to effect for some time.

You must give these birds special attention in the way of feed and care, being sure to feed some fresh cut clover, if possible, every day. If not possible, use cut clover or alfalfa steamed. A great help in cleaning will be to wipe plumage off gently each day with a soft white cloth.

Another method of cleaning dry, is to wash fowl with white flour or bran heated on stove. In shipping white birds a good plan is to bed the coops with dry bran. It protects the plumage better than anything we know of. The birds with soiled or spotted plumage will have to be washed.

Before beginning we should prepare some soft soap by dissolving a good bar in boiling water. Cutting in thin slices

will save some time. Be careful about kind of soap you use—it should be free from alkali. Cheap grades may injure feathers. Ivory, castile or some other pure soap should be used. Prepare four tubs of warm water at temperatures of about 100° F. Place bird in first up to wings in water. Carefully lift plumage and pour on water till bird is thoroughly wet and feathers are soft. Place bird in second tub and rub soap in thoroughly. A soft brush or sponge may be used to rub feathers, being careful always to rub in direction in which they grow. Be careful not to injure or break any feathers as you may risk a severe cut or even disqualification. When all the dirt has been removed place bird in third tub and rinse all traces of soap from plumage. Dissolve a little blueing in fourth tub and dip bird. Take bird out, press as much water as possible from feathers with hands, then take dry sponge and dry towels and dry or absorb as much moisture as possible. Place the bird in drying coop in hot sun or near stove, be careful not to burn the bird or get too-hot or place in draft.

A quick method of drying, which we have tried, is to use coop with slat bottom, knock both ends out of flour barrel, place lamp on floor, place barrel over lamp and place coop on top of barrel so bird will be over lamp and dry more quickly. Be careful not to have lamp too hot. All this washing and drying must be done in warm room with no drafts, and bird must be gradually moved away from fire, so it can be gradually accustomed to reduction in temperature, as otherwise there would be danger of catching cold. In case bird faints, dip head in cold water.

After washing, till time of show keep birds on clean straw and feed only whole grain. Creaminess and brassiness are bad defects which can not be easily remedied. Birds possessing much of this should not be shown at all.

FALL WORK

WRITTEN FOR THE INDUSTRIOUS HEN BY W. W. KULP

FALL is a time of preparation and planning. Where and what to show? What and how many pens and kinds to keep the coming season? Success only comes to those who mark out a road and then keep to it, but you must know that the road you mark is a practical one.

It is a time of cleaning and renewing. I leave all the yarded birds out and if it suits pen them out. I examine all the roosts to see that there are no mites and if there are any the coal oil goes on. There will be but a few, if the season's work has been done as it should; that is, examine the roosts every month, and if the mites are breeding kill them. When they are few in numbers they are all under the roosts and you can kill nearly every one, while if you neglect them until they spread over the whole house you will have quite a task to rid the house. The house walls and roosts looked after, we remove the droppings that have accumulated in the loose earth under the roosts and take all loose material out all over the floor and in the sheds too, and refill with clean earth. I have earth floors in almost all of my houses. Boards make the least trouble to clean, but when you can put the earth on your own fields, it will pay you to have loose earth floors, for all that loose stuff is full of feed for the crops. And another great point in the North is, a house with earth floor is always warmer than one with a board floor. A cement floor would be warmer than a raised one, but will add to the cost of the building.

The next thing we do is to look to the roofs, painting and repairing where needed. A poultry house with a leaking roof is not the best profit maker, although at times fowls will keep healthy and do well in poor, wet quarters. It depends upon where they can run in the daytime.

One of the most important matters is to keep the flocks, old and young, in first-class order. I am a believer in keeping stock in a condition that they are fleshy enough at all times for the table.

If they are fed enough to keep them in that condition they

are in shape to make the best growth. A fowl to be in the best state to lay many eggs or to be used as a breeder should be grown well and no bird that must take about twice as long to grow to maturity is in best condition as a fowl.

Another point, you will so much sooner be able to market the surplus cockerels, and the earlier you get them in the market the more you will get, unless for the very late ones.

The old birds should be looked over and select any that are not fit for breeding for any cause and market them. I have known hens time and again to be kept over winter and not lay an egg and the owner knew they would not, for they never get any eggs in the winter, and in March market them. There were four months of idleness costing at the lowest cost about forty cents each hen that was all lost, cash or feed, which is about the same, for we all must buy feed.

The yards we scrape and sweep up the dirt. We sweep them during the moult so they look clean and are clean. Not the whole yard, but the part in front of the house where such matter accumulates.

I like the yards to grow in weeds for there is nothing that will cleanse the ground as well as weeds. The time is too short to plan any crop and that would necessitate preparing the ground, while weeds do their own preparing. I do not like the plan of digging down the droppings as it does not cleanse the ground, but mixes them in where they still can do harm. Weeds or plants eat them up.

The shade question is giving me a chance to plan. I had apple trees in my yards, but the San Jose scale is doing them dead. I want some quick growing tree or some tall plant. I think for the yards I will plant sycamore. But it must be protected or the chickens will eat it when just coming through the ground. I have a plot of it now about ten years old in the small chick run or field and they are always in it. It grows eight feet tall and once planted it is there until you destroy it. It spreads slowly. We use it for green food during the whole summer. It is very handy to feed as it can be hooked to the wire fence and the fowls can pick it off just as if it was fast to the ground.

For trees I think I will plant sycamores. If there are any objections I would be glad to know them or to know of a faster growing tree that looks well.

THE BLUE ANDALUSIAN

WRITTEN FOR THE INDUSTRIOUS HEN BY V. H. COUNCILL

PERHAPS no breed of fowls entitled to public favor has been more neglected than the Blue Andalusian. It was about the year 1896 that my attention was first called to this most beautiful and serviceable breed. After securing a pair with which to start, I have continued to breed them up to the present time to the exclusion of all other breeds, although I have, during this time, tried several other breeds, including the Wyandotte, White Leghorn, Plymouth Rock and Black Minorca. After once breeding them and becoming acquainted with their excellencies, it is hard to decide that any other fowl can take the Andalusian's place.

As I write this article I can see them out on my lawn with their deep blue plumage, trimmed with the black of the raven, seemingly conscious of their exquisite beauty and the royal blue blood which flows in their veins.

But you may justly ask: "Why have they been neglected?" I answer in reply to this anticipated question, they have never been "boomed" by the showmen. The reason for this is obvious; namely: they do not all breed up to the Standard required by the A. P. A. as regards color. This in no way detracts from their usefulness, as the same blood flows in the veins of the entire flock.

Looking at the Blue Andalusian from three viewpoints, we have first the origin. Several years ago this scribe became interested in this subject and writing to one of the so-called poultry authorities of the day, received the following remarkable reply: "The Blue Andalusian is made by breeding white and black fowls together." This kind of ignorance is too often exhibited by those who are posing as leaders in the poultry world. From the best sources of information we believe it can be established that this breed of fowls is at least sixty years old. It has been the delight of English chicken-dom for at least fifty-four years, having been imported to England from Andalusia, Spain, their native land, from whence they have derived their name. Some have said that they are closely related to the Minorca; but this can hardly be established. The best sources of information show that the parent stock, on one side, was the original blue fowl of Spain, since the many good qualities of the Andalusian are traceable to this excellent fowl. For the other parent we must look to the celebrated Black Spanish, a breed which flourished many years ago, and which is still one of the best solid color breeds in existence, being unsurpassed as layers.

Second, we have their general characteristics. In class they stand with the Leghorns, Minorcas, and Spanish breeds in the Mediterranean class, though different in many respects from each. The Standard requires that the hens weigh four pounds, cocks six; though they often exceed this. They can be bred larger or smaller, according to fancy.

In color they are a slatey blue. When properly bred they are perhaps the most beautiful of all the feathered tribe. The ground color of both sexes is the same—a clean blue with a semi-circle of black as a lacing for each feather on the breast and on other prominent parts. The hens are generally a little darker about the neck. The cock is a most beautiful bird with beautiful flowing tail, which is generally a little darker than the body; jet black saddle and hackles, snow white lobes, clear bay or red eye, and high five-pointed comb, not so bulky as the Minorca. The hens also have a beautiful comb, gracefully falling to one side. The feet and legs are generally a deep blue. This, of course, describes the perfect Blue Andalusian. It has been said that their only fault is that they do not always breed true to color. This, though true, is a slight objection, considering, meanwhile, their many excellencies.

Third, we have their claim to popular favor. What have they to recommend them? As layers they have no superior, if an equal. I have bred them for years with other breeds and can testify that the Andalusian has always led. Possibly some individual birds of other breeds might do as well; but taking the flock through, the Andalusian is unequalled. The eggs are very large, much larger than the Plymouth Rock or Leghorn; and, as a rule, of a pearly white color. As a fowl of quick growth we have never had anything to equal them, coming to broiling size at least two weeks earlier (with same mother), than either the Plymouth Rock or Golden Wyandotte. Their growth is remarkable under favorable conditions. As a table fowl they are all that can be desired. The laying hens do not become over fat during laying season, as some breeds do, and if desired for table use during laying season, they should be put up and fed for a few days. They are not wild like the Leghorn; but on the contrary are very docile—easy to keep in most any inclosure. They are practically non-setters, though some of them show a disposition to get broody late in the season. If you should ever happen to run across the Blue Andalusian you will hardly pass them by without a second look.

A PROUD RECORD

WRITTEN FOR THE INDUSTRIOUS HEN BY S. S. SMITH & BRO.

HAVING been subscribers and workers for THE HEN since its first issue, and part of the time advertisers, we feel sure that a report of our present year's work with poultry will be of interest to your readers. On March 15th we made our first hatch, 42 of the chicks were placed in an indoor brooder in an open front poultry house, and a very airy one at that, so much so that we had to place planks around brooder to keep wind from blowing light out. We have used incubators for some time, but this is our first experience with brooders. We raised all of the chicks with much less trouble than had they been with hens. The pullets and cockerels are very fine and large, and pullets began laying August 6th and by September the 1st we were gathering sixteen to eighteen eggs per day from the thirty-six early pullets. April 20th we took from a three hundred egg size incubator two hundred chicks. We built a partition through an old house on the farm, making two rooms. In one room we placed in one of our little indoor brooders one hundred of the chicks, in the other the remaining one hundred in a plank brooder of our own make. We raised one hundred and ninety four of the chicks, losing only six, and one of these hung itself in the brooder hover, and one was killed by laying a plank on it. At about thirty-six hours old the chicks were placed in the brooders, and the first and second days were taught to drink water and eat corn bread crumbs, and prepared chick food off of sand on the brooder floor. The next day or two they were taught to eat a mash composed of uncooked infertile eggs crushed fine, shell and all, in a little sand, and stiffened

with corn bread and a little bran, removing after each feeding what remained after all had eaten. At this time also we also taught them to go in and out of brooders to the floor of brooder house and scratch in litter for chick food.

In about eight days they were allowed bran in flat box to eat and scratch in, and often a few days' meal was gradually added to the bran until they were eating from self-food hoppers a mixture of bran and meal, about one-half of each seasoned with salt, and chick food and wheat in litter, care being taken not to give too much wheat, or allow them to eat too much of any one kind of food. In about ten days beef scraps, charcoal, and young tender blue grass and clover was given them and the mash gradually taken away. They were let out on the ground at about five weeks old.

We have raised this year about four hundred Brown Leghorns and Barred Plymouth Rock chicks; have put on the market one hundred and twenty-five cockerels, keeping only twenty-five.

We believe the most essential thing in raising young chickens is to have well matured and healthy parent stock.

[The foregoing record is one to be proud of. In the first place it shows intelligent and painstaking care of the young chicks. We would be glad for every breeder to note the exactness and care with which every detail has been carried out in the raising of these chicks. One hundred and ninety-four reared chicks from a 300-egg incubator is good. Some of you failures try Brother Smith's plan.—Ed.]

INCUBATORS

WRITTEN FOR THE INDUSTRIOUS HEN BY ROBERT S. PORTER

INCUBATORS are as far in advance of the "old hen" as the electric car is of the "old horse car." No one now days thinks of entering the poultry business, even on a moderate scale without using incubators. It would be an uphill undertaking to supply the demands of the present day if there were no other method than the old hen. But genius has always provided ways to accommodate the increased demands and if any one expects to raise poultry profitably he must, of a necessity, use the best methods which genius has produced or else be swamped by failure.

In selecting an incubator one should use prudence, as a poor machine can only produce poor results. A mistake a great many beginners make is in buying a cheap, inferior machine, and after running it at a loss a few times, they discard it and decide all machines are bad and that the old hen is the only way. We, as agents for a high priced machine, often meet with the objection to my make that they can buy a machine of another make for one-half the price. They claim that as they are only beginners that they prefer using a cheaper machine until they learn how to manage one. This is a fatal mistake, as a beginner should have the best as he knows so little that he should have a machine which is as nearly automatic as possible.

I know of a party who purchased a machine which was advertised to hatch every fertile egg and raise every chick. It was an incubator and brooder combined and cost only one-half what a good incubator alone would cost. Well, he put \$15.00 worth of eggs in, and after worrying himself sick trying to run it, he at last got ten chicks by breaking the shell for them. Out of the ten he raised five (with an old hen). By this you see he lost enough on one hatch to have paid the difference and gotten a good machine.

Another trouble I find in selling incubators is that a person will buy a machine of one make and run it by the directions of another. This is not fair to the manufacturers, as they know how their machine should be run to the best advantage, or else they are a fake and not worthy of the patronage of any one. Always run your machine by the directions which come with it.

Many claim to hatch every fertile egg and a new man gets a machine with the expectancy of performing the feat nine times out of ten. After a few attempts he finds that his hatches run from 50 to 85 per cent and he becomes discouraged and either quits the business or goes back to the old hen. We are satisfied with an 80 to 90 per cent hatch and I honestly believe that few ever get better, although these cheap machine people have their catalogues full of 100 per cent hatch testimonials. I read a testimonial in a leading cheap-make incubator catalogue in which the writer put in 116 eggs and got out 117 chickens! Wonderful eggs! Wonderful machine! I also know a party who purchased an incubator of this make and they have never gotten over 65 per cent hatch of fertile eggs.

The advantages of the incubator and brooder over the old hen are so many and so self-evident that it is hard to enumerate them. One of the first is that you can hatch chicks early and when you want them. Early chicks bring the best prices and cost no more to raise than later ones. Last winter I raised chickens for 12c which sold for 37½c wholesale, while the late ones cost me 10c and sold for 17½c. Then we all know that a hen sets when we have no eggs and will not set when we wish her to.

A great many people think it requires more work and attention to hatch and raise chickens by artificial methods. This is a mistaken idea. You can tend a brood of 75 or 100 chickens in the same time you can one old hen with fifteen chicks.

I had a prospective customer to ask me how often I looked after the incubator during the night. She had an idea that some one had to stay by it all the time or else it would go wrong. Our man never goes about our incubator cellar except twice a day, unless when a machine is hatching and then he goes three times.

I hopper feed all my brooder chicks and the hoppers hold sufficient to last two or three days. We feed only dry feeds.

Another great advantage of the incubator and brooder (you can not think of one without the other), is the absence of our most dreaded enemy, the louse. This is to me the greatest advantage, for if a great many chicks are raised it is quite a task to powder as often as it is necessary when the chicks are with hens.

We hear a great many complaints of lamps smoking and I believe it is from one of two reasons: Either the lamp is

not adjusted properly or the machine is not built correctly. We have been running incubators and brooders for several years and have had only one brooder lamp to smoke and that was caused by improper adjustment. We use a cheap grade of oil too.

A great many injure the hatch by opening the machine after the eggs begin to pip. Do not do this, as to reduce the temperature ever so little at this critical time is very damaging. Do not think you can help out a chick, for even if you do, it will die before it is a week old, for if a chick can not hatch itself out it is not strong enough to live. Then while you are saving one poor chick you injure the whole hatch and may probably cause the death of a dozen or more.

Another mistake some make is feeding the chicks too soon after they are hatched. They are hatched with sufficient



Winning S. C. Rhode Island Red Pullet at Indianapolis, February, 1907. Owned, bred and exhibited by Miles Poultry Farm, Columbus, Ohio. This cut was made from photograph from life and shows an ideal shaped R. I. Red. She is Red throughout, only where black should appear. Considered by judges as one of the best Reds thus far produced.

food absorbed to last them from twenty-four to thirty-six hours. Some wait as long as sixty hours before feeding. I usually wait until the chicks begin to peep loudly and show they are hungry by picking at the sand on the brooder floor.

In conclusion, let me advise all beginners to get the best machines possible, following the directions explicitly, and "if at first you don't succeed, try, try again."

JAMESTOWN POULTRY INSTITUTE

AERICAN and Canadian poultrymen are very cordially invited to attend the great Jamestown Poultry Show, and Poultry Institute. It is expected that this will be the largest and most noteworthy gathering of poultrymen ever held in the world. Come if you can. The following well known poultrymen will participate in the institute exercises: Mr. Ross C. H. Hallock, Missouri; Mr. H. V. Chawford, New Jersey; Mr. Miller Purvis, Illinois; Mr. U. R. Fishel, Indiana; Mr. Theo. Hewes, Indiana; Mr. John W. Boswell, Jr., Tennessee; Mr. Reese V. Hicks, Kansas; Mrs. Frank Langford, Tennessee; Mr. S. T. Hopper, Texas; Mr. Tom McGrew, District of Columbia; Mr. H. T. Reils, Georgia; Mr. J. H. Drevenstedt, New Jersey; Mr. F. J. Marshall, Georgia; Mr. T. L. Bayne, Tennessee. Gov. M. R. Patterson and Gen. Harvey Hannah, of Tennessee, will make addresses. Other names will be added and program announced later.

E. L. DOAK, Director of Institute.

Nashville, Tenn.



DEVOTED TO EVERY INTEREST OF THE
Poultryman, Live Stock Breeder and Small Farmer
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ADDRESS ALL CORRESPONDENCE TO
The Industrious Hen Co., Knoxville, Tenn.

Vol. 4 **OCTOBER, 1907** **No. 5**

THE INDUSTRIOUS HEN is issued promptly on the first of each month. It furnishes the latest and most authoritative information obtainable on all matters relating to the Poultry industry, Live Stock breeding and intensive farming. Contributions that are practical and pithy are solicited.

The Editor is not responsible and does not always endorse the opinions as expressed by his contributors.

Subscribers desiring a change in address will please give the old as well as the new postoffice.

Your Address

On the wrapper or cover indicates when your subscription expires. In order not to miss a number it should be renewed one month in advance. If, after your name appears the date "Apr. 7," it means that your subscription is paid to April, 1907, and unless renewed will be discontinued after that date.

ADVERTISING RATES

Furnished on application. The value of THE INDUSTRIOUS HEN as an advertising medium is unquestioned. The character of the advertisements now in its columns, and the number of them, tell the whole story. Circulation considered, it is the cheapest Poultry journal in the United States to advertise in. Advertisements, to insure insertion in the issue of any month, should reach this office

Not later than the 25th of the month preceding.

BREEDERS' CARDS—2½ cents a word each month for one, two or three months; 2 cents a word each month for four or more months. A 25 word card will be run six months for \$2.50, one year for \$4.50. A small cut illustrating a breeder of 25 words or more will be used for 50 cents additional. Numbers and initials count as words. Please count the words correctly and avoid delay. We keep no books with this department and cash must invariably accompany the order.

THE INDUSTRIOUS HEN reserves the right to reject any advertisement for cause.

Drop us a postal with list of papers or magazines you are thinking of subscribing for. Our Clubbing Papers. clubbing list does not show the names of all the different publications we can furnish at reduced rate.

* * * *

We wish to call attention of all advertisers to the advantages offered by THE INDUSTRIOUS HEN as a medium for placing fall stock in the market. This is the season when it is best to get rid of extra birds which are not needed for breeders. To those having a limited number to dispose of our classified ad. column offers an opportunity for advertising at a nominal cost.

* * * *

We wish to call the attention of our readers to the Short Winter Course in Poultry Culture offered by the University of Tennessee, February 27 to March 11, 1908.

Short Course in Poultry. The tuition is free, the course is as comprehensive as one as can be given in the small space of time allotted to it. All poultrymen, especially beginners, would do well to attend this course. If we have a good attendance and demand a longer time and better facilities in a poultry course, we will be bound to get it. But if we neglect the course as last year, when only one student applied, the University authorities will, with justice, conclude that there is no demand for a short poultry course and abolish what little we have. Try the course, it will be of service to any poultryman.

We want THE HEN represented at every fair and poultry show this fall and winter, by a hustling, energetic agent. To any one wishing to do this style of work for us, we have a liberal proposition. These fairs and shows will be attended by thousands who can be interested in poultry work. It should be an easy matter for an energetic agent to make good money at such places. Sample copies and subscription blanks will be furnished all such agents. Secure full information by addressing THE INDUSTRIOUS HEN, Knoxville, Tenn.

* * * *

The past season with its unseasonable weather, has been bad for hatching. The reports show that hatches have been poor all over the country, with bad weather for the raising of the young chick. The very early and very late hatches seem to have been the most successful. With the high prices for meat which prevail, there will be a consequent advance in market poultry and eggs. Right now and for the last month eggs have averaged from two to three cents a dozen higher than last season. With the reduced supply and increased demand for breeding stock, this is sure to be a season of high prices for thoroughbred poultry. Fortunate is he who has a flock of early hatched pullets. They are valuable property.

* * * *

The cups and medals of the South Central Branch of the American Poultry Association will be offered at the Tennessee State Breeders' Association show at Nashville, January 6-11, 1908. This should be a great drawing card at that show, and is quite a feather in the cap of Tennessee as the South Central is composed of Tennessee, Kentucky, Alabama, Georgia, Florida and Mississippi. This is the right place for holding the first meeting of the South Central, for while the branch was formed by our Mr. Hicks, still the larger number joined from near Nashville and the majority of members are from Tennessee. Offering prizes at the show is not the only good the South Central Branch can do. They can also offer us the advantage of the experienced lecturers and speakers on poultry subjects, who are at the command of the A. P. A. We would advise all who can to join the South Central Branch of the A. P. A.

* * * *

The show season is now on in full blast, starting with county and district and many state shows. To the farmers we would say, do not miss your local fair.

The Show Season. Take your wife and the children and be sure to visit the poultry department, where you can see what fine stock in poultry looks like and what your neighbors are doing in that line. Have your wife show some of her pure blooded fowls, eggs and what plump dressed carcasses fowls of her raising produce. To the amateur, now is your chance to see what your favorites can do in an open competition. Here's a chance for you to learn how and where you have succeeded or failed in your breeding experiments. Enter the show and see what you can do; if you don't win now, you can next time. If your neighbor thinks he has better than you, go into the show with him, make him prove it. To the experienced breeder, here is an opportunity, such as all true poultrymen love, of helping to extend the knowledge of pure stock and a chance to help educate the community to the beauty, the value, the greater utility of well bred fowls. While doing other good work it will be money to you, from the sales which are bound to come from such an advertisement as a show. To the general public, go to your local show, show your public spirit, help boost your own community by making your local show a financial success. Show the next town or county how much better patronized your local show can be. For the welfare of the community we must each do his share, be it small or great. Be sure to bring the children, the fair will be a great factor in their education aside from the pleasure it will give them and you.

The poultry business differs from all others in that there is a fraternal feeling among poultry breeders which makes them willing and anxious to help each other. We are a great fraternity, as it were, of which the poultry papers are the voices and the shows the meeting places. Bearing this in mind we want our readers to do their share to help along. Write us your experiences, your trials, your failures, and your successes. Ask any questions you like, we shall be glad to answer to the best of our ability. Our object in running a poultry paper is not only a business one, we have a broader, higher object. To help our fellow poultrymen in a way that only a paper can do. To teach improved methods, to help to better education, to the end of not only making money, but of elevating and putting on a higher lever of honor, thrift and achievement, one of the greatest, if not the greatest industries in the United States. Be neighborly. Let's all work together and the result accomplished will be a constant joy to us all.

Display Advertising Better

MY experience in advertising, which has been entirely along my line of business, that of poultry raising, is that the ads which I placed in the trade journals gave the most satisfactory results. In selecting the journals in which to advertise, I find that those which are well gotten up and filled with practical reading matter, printed on a good quality paper, and that have a large undisputed guaranteed circulation, give the best results. I also believe that the paper with a fairly good subscription price reaches a class of people who can afford to buy, while the cheap paper often falls into the hands of people who subscribe simply because it is cheap and really many times do not care enough about it to even take it out of the wrapper.

I find that classified ads, as a rule, do not give good results. They may sell a few dollars worth of stock, but they indicate cheap stock as well as a cheap man behind the same.

Display space places the advertiser in a position where he is recognized by the people, and the greater the space used the more forcibly he can impress upon the readers the facts which he wishes them to know and which will bring them into business relations.

The greater the space used, the greater in proportion are the results, but the amount of space used should be governed by the amount of business which the advertiser wishes to do.—*Geo. A. Barrows in the Southern Poultry Journal.*

[The above is good advice. Though the experience of the most successful poultrymen is that continuous advertising is of the most importance. The best way is to buy so much space for a year, use it in greater quantities in the selling season, reduce this in slack season, but don't let the readers of the paper forget you—keep them reminded all the time. Many plan their purchases months ahead as is well known. We have in this office had many inquiries from purchasers who were planning this summer to buy in the fall and winter.—Ed.]

East Tennessee Poultry Association

THE prospects are rosy for the greatest show ever held in East Tennessee. The number of entries will be larger, while the quality will be greater than ever. The prizes of this show will be the best ever offered. The National Single Comb White Leghorn Club, Irving T. Rice, Secy.-Treas., Courtland, New York, through Wilber Bros., Vice-Presidents, Petros, Tenn., have voted to offer a loving cup for the ten best S. C. White Leghorns shown by a Tennessee member of the club. They must be of his own breeding and rearing, eight females, either pullets or hens, or both, and two males, either cocks or cockerels, or both. The judge of show will make the award by the score of the birds. Tennessee breeders who join the club within thirty days of the show will be entitled to compete.

The Single Comb Brown Leghorn Club has not yet voted, but from all we can hear, the prospects are excellent for their offering a cup at this show. There is some agitation among the R. I. Red and White Wyandotte breeders for special prizes for these breeds, but the movement is not yet well organized.

THE INDUSTRIOUS HEN has offered three handsome silver

loving cups to the East Tennessee Poultry Association for the best general exhibit, best exhibits in American and Mediterranean classes, exhibit to consist of a pen or more of birds, the cups to be awarded by points, first counting 4, second 3, third 2, fourth 1. The contest for these cups is open to all. This will give an idea of the good start made toward a grand show.
T. L. B.

Women in Poultry Work

THE *Southern Fancier* is mistaken in a recent article on poultry schools when it says the Rhode Island Agricultural College is the only one having a women's course. The University of Tennessee Poultry courses are open to women all the time, at the summer school course. This last summer there were seventeen women enrolled in the course.

It is right and proper that women should have access to the poultry courses, as we venture to say that if an accurate census be taken it will be found that there are many more women than men engaged in the raising of poultry. In the case of the farmers the business is almost entirely in the hands of the women. This is right, too. For women are by nature the better suited for carrying on the business. She has the patient application and constant daily application to detail, the lack of which wrecks many a poultry venture, where made by men. When it comes to the raising of little chicks, she is supreme; her maternal ministrations, and will make a man turn green with envy at the number she will raise strong and healthy, to vigorous maturity. In East Tennessee she is the poultry raiser. The fact that the business is in the hands of women, is the salvation of the industry. With no capital, little encouragement, no help from stock, no facilities and little time, they have made the poultry industry in Tennessee the greatest in the South. Another point in their favor, they stand for improvement and advance; while the men stick stubbornly to antiquated methods, the women stand for progress, for improved breeds, for poultry shows, for general betterment along improved and modern lines. Usually too, when a poultry paper is taken by the farmer it's the good wife who reads it and profits thereby. I never had such success in raising young chicks as the year I was away from home and my wife did the raising. All hail to woman, the sovereign of the poultry world, as of many others. T. L. B.

Prizes for Articles

WE have decided to offer prizes each month for articles on poultry subjects. These articles may relate experiences, describe appliances, building methods, etc., or be written in any style which may suit the writer's fancy. The prizes will be \$3.00 for the best article; \$2.00 for second best. They should, if possible, be on a subject appropriate to the season when written, and not more than 1800 words in length. All articles in competition for these prizes must be addressed to "Prize Article Department" of THE INDUSTRIOUS HEN, and must be written on one side of paper only. Articles must be received by the 20th of the month to count in the competition of the month following. Those received later will be counted in next month's contest. No articles will be returned, but all who send available articles will receive a year's subscription to THE INDUSTRIOUS HEN.

We want all of our readers to feel that they can compete for these prizes and would like especially to hear from the ladies, who constitute by far the greatest number of poultry raisers. There is no limit to number of articles, you may write as many as you like each month. The first prizes will be awarded for articles for our November issue. T. L. B.

Poultry Institute at Jamestown

BREEDERS and friends of poultry culture will be given a grand opportunity at Jamestown Exposition Poultry Institute to hear subjects of importance to all breeders discussed by well known speakers and debaters. It is expected that this will be the largest and most noteworthy gathering of poultrymen ever held in the South. Every one interested in poultry should be there. A few days spent at this show and in attendance on the poultry institute will be an experience long to be remembered with both pleasure and profit. This meeting is to be held at one of our greatest Expositions. Be sure to attend. You will have a chance to meet some of the most distinguished men of those interested in poultry throughout the country, to get a lot of valuable information, to see some of the finest specimens of poultry, to get in the game and make new and valuable acquaintances in the poultry world. On another page will be found partial list of speakers.
T. L. B.

VIRGINIA AS A HOME FOR POULTRY KEEPERS

A View of the Eastern and Middle Section as Seen Through the Eyes of a New Englander

THE long and dark winter of 1906-7 led to the writing of many letters by our Northern subscribers, asking as to the advantages to be gained by living in the states south of Ohio and Pennsylvania. It seemed to some of our readers that conditions might be improved by moving to homes in warmer sections. These letters revealed to me the lack of real knowledge possessed by my inquirers and myself. I spent several weeks in Virginia six years ago and my personal acquaintanceship was limited to several hurried trips then. In my endeavor to answer the earnest questions of my letter writers, I became interested personally in the matter, and decided to look over the states along the Atlantic south of Washington. I hoped to visit as far as Charleston, S. C., but was unable to find time to leave until the second week in June. Summer weather was then on; time was limited to three weeks, and I wanted to make thorough work of what little territory I could cover. Looking over the field I decided that I would study conditions through the line of towns extending west from Norfolk, across the eastern and middle of the state to Lynchburg, Virginia, with its one hundred counties, too large to be seen in three weeks, especially when part of that time was to be used at the Jamestown Exposition.

The ocean trip of two days, from Providence to Norfolk, made a break in the every-day duties of New England that prepared me for the facts as I found them in this new field. The four days at Norfolk and the Exposition were not wasted in the getting of material to answer the inquiries that sent me away from home. The exhibits of the state of Virginia at the Exposition were far beyond what I supposed was possible of any state. The agricultural showing of the county of Bedford pleased me best of all, and I was sorry not to be able to visit that special part of the state.

General inquiry through the weeks of visiting, showed me that the low prices of eggs and poultry of six years back had disappeared. The day of eggs at ten cents a dozen, an old hen for a "quarter," a "fryer" for twelve cents, has gone. The June prices of eggs in town and country was above twenty cents per dozen. I met a gentleman in a town fifty miles from Richmond who was buying old hens from neighbors for ten cents a pound and selling them in Richmond for fifteen cents. Broilers and roasters he was getting for twenty cents a pound and selling for twenty-five. Conditions are changing in the South and with the change come better prices for all the poultryman can supply.

I found all kinds of poultry raisers. There was the housewife, on the twelve hundred acre plantation, five miles from town, hatching five hundred chicks and selling the eggs of one hundred wintered hens. There was the man and wife on the twelve-acre place, a mile from the railway station, running two incubators, raising and selling broilers in a distant city. There was the Connecticut young couple, only four months in the state, yet they had cleared six acres of land, built a three-room cottage, were picking peas, and were then shipping the last chickens of their early hatches.

I should like to tell you much that would interest you of a long line of attractive towns, extending two hundred miles west of Norfolk, but I shall use the space at my disposal on two towns. These are Waverly and Appomattox. Waverly is sixty miles back from the ocean, with a somewhat light soil; the standard farmer's crop is peanuts; its money crop is tobacco. These two towns are typical of all the country I visited and present attractions to the poultryman equal to or better than other sections.

At the Jamestown Exposition I was attracted by a wooden model of a three-room cottage. This was like the cut used by the Norfolk & Western Railroad in one of its advertisements last winter, entitled, "This cottage and 25 acres of land for \$500.00," and I was interested enough to spend a day and night in Waverly investigating it.

If I were ten years younger, with only a few hundred dollars to my credit, the "poultry fever" in my blood, I should try "making a home" on this Waverly tract. The man who has five thousand dollars, and wants to make a quick start with poultry, can do better in buying a home that is ready to move right in and go to work. The Northerner with a strong arm, a desire to own twenty-five acres of his own, something of the spirit of the pioneers, wishing to get a section of country that is rapidly increasing in value, should consider this part of Virginia.

Markets are near at hand. Norfolk and Richmond are ninety minutes away by fast express, while Washington and New York are reached by the night train. Eggs and poultry started in the afternoon reach New York in time for the markets the next morning.

Richmond was paying fifteen cents per pound for live hens, twenty-five cents per pound for live broilers and roasters, twenty-five cents per dozen for eggs, in middle June, when I was there. Certainly these are attractive prices for early summer. When you consider the low cost of production you can see the profit that these men are getting. These small farms produce grain of all kinds, green food for poultry in abundance, and the birds need close housing only during a few severe days in mid-winter. Open front houses, with battened rear ends, and tight roof, can be built cheaply, and will shelter more birds in this mild climate. Several men have moved on to these places this year, and three at least made a good showing in crops and poultry when I was there.

The day of the large plantation in Virginia is gone. The labor problem is a hard one. Men can not be had to till the plantation on the old scale. Brain and machinery will do some of the work in the future. It is the small farm, well tilled, with a wide range of crops, that is to make the showing of the future. To the poultryman, who wishes to raise a large part of his feed, I can recommend the Oakdale tract.

We all have heard of Appomattox. It gained a name that is familiar to all of us. It is a town of large plantations, nice residences, pleasant people. The village around the railroad station is moderate in size, but the numerous and large stores testify to the wide country that circles around it. Here a few men are building up small poultry plants. Most of the poultry and eggs, however, are produced by the housewife on the plantation. Prices of poultry products range about as stated for the other section of the state I have been covering. Petersburg and Lynchburg are within shipping distance, while the other large cities are not far away. Appomattox is about twelve hours from New York.

The soil here is richer than at Waverly but harder for a Northerner to understand how to handle to advantage. Unless you can get a slice of a plantation you will have to put too much money into your land for poultry purposes. Farms here have advanced lately in price and are changing hands. I visited one plantation that was bought twelve years ago for less than five thousand dollars, and its owner could have got eleven thousand dollars for it this spring if his wife would have signed the deeds.

The country around Appomattox is rolling, more uneven than at Waverly, and is near the height of land between Petersburg and Lynchburg. Both Waverly and Appomattox appear to be desirable places from a health standpoint. Schools are good, and soon will be equal to those of the cities. Churches are numerous, well attended, and are centers of social life.

There is much to consider in changing one's location. It costs money and takes time to move. One should not be afraid of a little hardship, be willing to work long hours, and ready to labor and wait for many of the good things that we all desire. Some of my readers with a few hundred dollars may find Virginia a home that is not beyond their reach. The longing for a more sunny clime may send others south. Health conditions may force still others away from present locations. It is possible that I shall spend the coming winter myself, somewhere south of Richmond.

I find much to please in the way poultry interests are moving in Virginia. The housewife on the plantation, the man in the town, the newcomer from the North, are all working for better poultry. Incubators, brooders, dry-feed hoppers, new methods all are being used.—*Dr. N. W. Sanborn in September Poultry Keeper.*

[It is pleasant to have our views of this section as a splendid business proposition for poultry raising, confirmed by such an authority and well known writer on poultry topics as Dr. Sanborn. Our readers have not heretofore appreciated what a great opportunity they have right at hand for making money raising poultry. These views were most enthusiastically confirmed by Prof. Rice, of Cornell, when he visited East Tennessee last year. He met good people, saw fine birds, and a soil and climate which was a joy to an enthusiastic poultry lover's heart.—Ed.]

A SOUTHERN BREEDER

When an expert judges a dairy cow or a beef steer the points laid down on his score card are supposed to represent the conformation which best adapts the animal to the production of butter or beef. When a poultry judge scores a fowl, nine-tenths of his cuts or credits are for things which have not the slightest connection with the fowl's productive capacity. Many show birds are practically valueless except for show purposes. Every now and then some writer bobs up and declares that hens must be judged just as cows are, by their apparent capacity for production; and that the fanciers' idea of a good bird is an utterly wrong one. The fanciers smile and go on their way, while a lot of farmers who read the article are more than ever convinced that for "practical purposes" the nondescript fowls they have are as good as any.

The ideal chicken, like the ideal cow or pig, should be, it would seem, the one

been obtained from the breeder from whom the first birds were purchased. The chickens have been raised out of doors, with plenty of range and under almost natural conditions. Good care they have had, of course, and close attention; but there has been no forcing, no pampering. One of the colony houses in which the birds are kept is shown in an accompanying illustration, which indicates not only the simplicity of the buildings but also the advantages of a climate where such buildings can be successfully used.

The result of these ideas and methods is plainly evident to any one who visits Cedarcroft, the charming home of T. L. Bayne; and is well known to breeders all over the South who have competed with him in the show room. He not only has to his credit a long list of winnings at the best Southern shows, but he has developed a strain of fowls which interests the farmer and the practical poul-

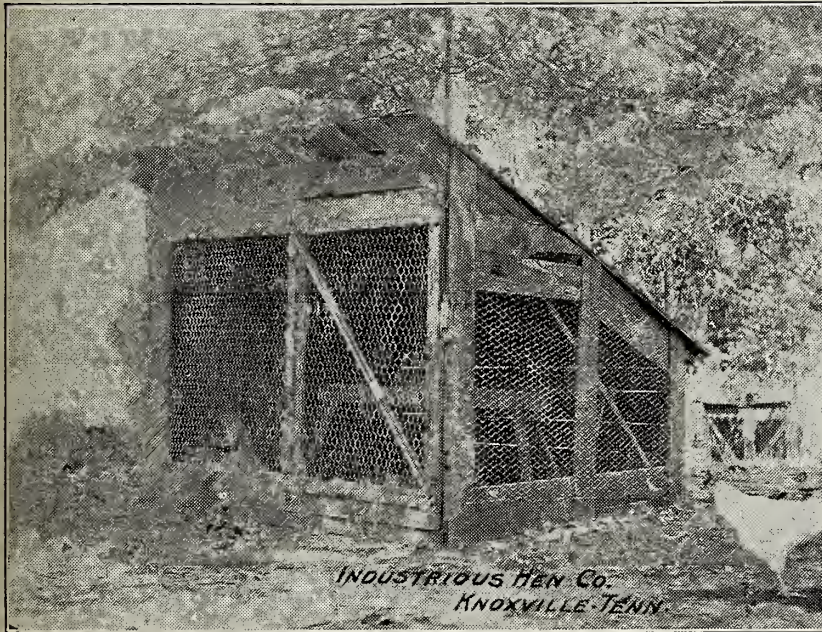
but not one of these eggs hatched. She was, of course, valueless except for show purposes. Without the trap nests her defect would never have been known. "For," says Mr. Bayne, "it is as of much importance for a hen to lay eggs that are fertile and will produce vigorous chicks as for her to lay a great many of them." He is a firm believer in the value



An All-Round Hen—Score 93.
Egg Record 197.

of natural conditions, plenty of range, sunshine, shade, and natural food, as factors in the production of good breeding stock; and he will not force his hens for a big record in one year because he wants them to keep up their average year after year and generation after generation. His philosophy, too, has in it a maxim like this: "Confine your efforts to one breed—two at the most—and let these be the ones you like best."

The value of such work as this can not be definitely estimated. From Morristown, the principal town of Mr. Bayne's county, there are shipped annually poultry and eggs to the value of more than \$1,500,000. This includes only what goes in car load lots; it is believed that the express shipments would bring the amount up to \$2,000,000. If the hens which lay these eggs were of the 160-egg kind instead of the 67-egg sort who can tell how much greater the farmers' profits would be? More than that, how much greater would be their appreciation of the possibilities of the industry and of country life generally.—E. E. Miller in *The Country Gentleman*.



One of the Colony Houses.

that combines the most beauty with the highest degree of utility. Some breeders have been working for this combination, and their efforts have probably done more than those of any other men to bring to the mind of country dwellers generally an appreciation of the profit and the pleasure that may be derived from scientific poultry raising.

Seven years ago, in a little village in Eastern Tennessee, a young man started in the business with this idea in view. He had only a cock and five hens of the breed chosen, White Wyandottes; but these were birds of quality. He had paid \$135 for them. For these seven years he has followed a systematic course of line breeding, always keeping in view the production of a fowl that would not only take prices but would also lay eggs. Trap nests have been used, and thus the work of each hen has been known. Those failing to measure up to the standard had to go. When new blood was needed in the flock it has

tryman as much as the fancier. Ten hens recently exhibited by Mr. Bayne have an average egg record of 198; and they were good enough to win several prizes including a silver cup special. At Knoxville, Tenn., one of the best shows in the South, Mr. Bayne had the first hen, scoring 94½ under Marshall, probably the best known judge in the South; and her record for one year was 199 eggs. The flock of 120 hens averaged last year 160 eggs. These figures will be better understood when it is remembered that according to the census of 1900 the average production in Tennessee was 67 eggs per hen per annum. In Maine, the state with the highest average, it was 101.

The key to Mr. Bayne's success is to be found in his close observation and his rigorous selection. Where the work of each hen is known there is no chance for deception. For example, Mr. Bayne says that he has a hen that scored 96 points and had an egg record of 186—

SOUVENIR POULTRY POST CARDS

Handsome. Something new. No two alike. Every lover of chickens should have them.

25 VARIETIES—ONE CENT EACH

Name your favorite breeds and we will send you some of each kind we have. 10 cents in silver or stamps will get 10 of our own selection.

THE INDUSTRIOUS HEN
KNOXVILLE, TENN.

Closing Out Sale

Of Light Brahmas, Black Langshans, White Plymouth Rocks, White Wyandottes

I have decided to devote my efforts in the future to one or two breeds, so the above must go at bargain prices. First come, first served.

CEDAR HEIGHTS POULTRY FARM
Mrs. Lou Lusky, R. 5, NASHVILLE, TENN.

BUFF AND BARRED ROCKS.

I breed prize winners. Won at Birmingham, December, 1906, eight prizes on ten Buff Rocks, 1st cock, 1st and 2nd cockerel, 2nd, 3rd and 4th pullet, 3rd hen and 1st pen.

Eggs, \$2.50 for 15. Satisfaction guaranteed.

J. H. CROWELL, Parrott, Ga.

BOYS' DEPARTMENT

Address all communications for this Department, or concerning the Boys' National Poultry Club, to ROBERT G. FIELDS, 33 Caruthers Ave., Nashville, Tenn.

Hints

Honesty, energy and perseverance are three important maxims for all who would succeed in any business.

A little sulphur in the mash right now will help the new feathers a great deal.

Keep the houses clean. Filth will do the old fowls more harm now than at any other time of the year.

Watch out for the old, old enemies—lice and mites. They are the guerrillas of the poultryman's warfare for success.

The following is a copy of a letter received some days ago from Mr. Jno. A. Murkin, Jr.: "Dear Sir: Your letter to hand. The Tennessee State Poultry Breeders' Association will accept your ribbons, and list them in their premium list.

"The Southern Poultry Magazine will give a silver cup to the boy making the best exhibit. Must be member of your club.

"I mailed you State Fair Premium list, and will offer three handsome ribbons to members of your club making best exhibits at State Fair.

Yours,
JNO. A. MURKIN, JR."

I wish to say in behalf of the Club that we most heartily thank Mr. Murkin, and greatly appreciate what he has done for us, both past and present.

So boys, you will see from Mr. Murkin's letter, that one set of club ribbons will be offered at Nashville at the show to be held January 6-11. The boy making best exhibit will receive both club ribbon and Southern Poultry Magazine silver cup. Second and third best exhibits by club members will also receive a club ribbon. This should be sufficient inducement for boys at great distances to exhibit at this show.

If you are not a member, send your quarter to me and compete for these valuable specials, as well as the regular prizes. Those desiring to exhibit at this show should write for premium list, to Mr. Jno. A. Murkin, Jr., Nashville, Tenn.

The other set of ribbons will be offered at Charlotte, N. C., at the show held January 17-23.

This show was chosen by our Vice-President, Frank A. Potts, and the place is ideally situated in regard to all our "Coast Members." It will accommodate a large number of members, and we want to come out in force at this show.

Don't think your birds can't win, just because you have never exhibited before—try it and see.

All members wishing to exhibit at Charlotte, should write for premium list to Mr. W. B. Alexander, Charlotte, N. C.

One of the proposed by-laws sent in during our "meeting by mail" read as follows:

"When any state or territory in the United States has a membership in the B. N. P. C., to the number of 25, said state or territory is entitled to a division or branch of the B. N. P. C., to have a president, vice-president, secretary and treasurer, and an executive committee; said branch to have by-laws of its own; not, however, in any way to interfere with the rules of the B. N. P. C., said branch to be called, for instance, Georgia Branch, B. N. P. C."

The above by-law was submitted by Walter L. Hay, Sylvester, Ga., and is yet to be put before the executive committee; so as to whether it will become a by-law is yet to be seen. However, it is a good one, and I expect it to be passed.

Just a word—that we are growing rapidly, both in experience and membership, can not be doubted. The boys know it too, and all appreciate it. Here is what our friend and brother member, Walter L. Hay, has to say about it:

"I believe that the B. N. P. C. is steadily growing, and will soon be one of the largest poultry associations in the country." This letter was accompanied by a fee for admission of a new member, which goes to show that the above quotation was not "hot air," but a truthful statement.

Now let us all go to work and see what we can do. As Reznor Orr says: "Let us not be satisfied with just one member, but get all we can."

Boys, this is the time of year to send in

your subscriptions to our organ, THE INDUSTRIOUS HEN. We have a half rate with this paper, and all members of the B. N. P. C. can get it for one year for 25c. THE HEN is doing a grand work for the poultry boys of the United States, and I am gratified to know that its circulation is so large—for our members are scattered to the four winds. There is no hot air about THE HEN and every member of our club should read it. Send me your subscription today of 25c and get it every month for a year.

BUFF LEGHORN cockerels of the finest breeding from \$2 to \$5. At the big Indiana State Fair just closed I won more premiums than any other breeder in class. My first prize Cockerel was pronounced a jewel. I was awarded 169 premiums during '05, '06 and '07. *Hurt will please you.*

Peter S. Hurt, Box 404, Thorntown, Ind.

NORTH ALABAMA POULTRY FARM

Prize-winning Light Brahmas,
B. P. Rocks, S. C. Brown Leghorns,
White Wyandottes, M. B. Turkeys,
Toulouse Geese and Pekin Ducks.

Eggs from these Pens from now until
January, half price.

NO TURKEYS FOR SALE.

JULIAN B. WEBB
ISBELL, ALA.

WHITE WYANDOTTES BRED TO WIN! BRED TO LAY!



Won at Birmingham, Ala. Dec., 1906: 1st Pen, 1st Cockerel, 2nd Cockerel (tied), 2nd Pullet, 5th Cock, Silver Cup, and three specials. At Nashville, January, 1097: 1st and 2nd Pullets, 1st Hen (tied), 2nd Cockerel, 2nd Pen, Ivory Soap Cup and three specials. Eggs \$1.50 per 15.

B. A. HASTINGS, Box 24, GALLATIN, TENN.

COLUMBIAN WYANDOTTES

We won special for best collection at Madison Square Garden, New York, 1906 and 1907; Clive H. Owen won special for best collection at Chicago, 1906 and 1907. We bought all his best old and young birds and have to-day as fine a lot of Columbians as any breeder in the world. Hundreds of old and young birds for sale. Remember Columbians will be money-makers for the next twenty years. Write for prices.

AUG. D. ARNOLD, Box 939, DILLSBURG, PA.

"SHAW" WHITE ROCKS

FRANK L. SHAW WABASH POULTRY FARM

MANAGER

Reference—The Hewes-Pierce School for Poultry Judges, Indianapolis, Ind., T. Hewes, Pres't.

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They hold the
World's Record
Pen Score.

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ILLINOIS**

S. C. WHITE LEGHORNS S. C. BUFF ORPINGTONS WHITE WYANDOTTES

For bargain prices in high-scoring old and young stock write to

White Hill Poultry Farm

A. J. Lawson, Prop.,

R. 7, Box 66, Cleveland, Tenn.

Agent for Cyphers Incubators

ROSE COMB RHODE ISLAND REDS EXCLUSIVELY

21 acres and all my care devoted to them. Winners at Elgin and Nunda, Ill., scoring to 94 points. Eggs \$2.00 for 15; \$5.00 for 45; \$10.00 for 100. Choice exhibition birds for sale. Write your wants.

HENRY T. SHANNON, Cary Station, Ill.

PASTEUR VACCINE CO. RAT VIRUS;

Scientific Exterminator, Not a Poison, is distributed on bait and causes a contagious and mortal disease that only attacks rodents. Both the virus and disease are harmless to domestic animals, pets, game, poultry and man. No odors. *Mouratus*—Gelatin Culture 75c and 50c tube. *Ratife*—Bouillon Culture \$1.50, \$1.00, 75c bottle. If not obtainable from your dealer order of us.

Encamphol. Ideal disinfectant. All household and veterinary uses.

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100 Envelopes, 100 Note Heads
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CONDUCTED BY C. H. HAKES, LUDLOWVILLE, N. Y.

Squab Raising in the South

Written for The Industrious Hen.

There are two reasons why the people of the South ought to succeed better in squab raising than have the people of the North in the last ten or fifteen years. The first of these is climate. Pigeons like a warm climate and the expense of buildings is far less. Extremes of heat do not affect pigeons as they do poultry. On the Island of Porto Rico I found pigeons doing well in the tropic heat, while it was almost impossible to raise a healthy chicken on account of the chicken pox. In the milder latitudes of the Southern States pigeons breed well all the year through. I have sent birds to Georgia, Florida, Alabama, and in all these places they are doing finely. Recently I have been inspecting some of the model pigeon houses of the North. They are models of convenience and comfort, with water carried into every room, artificial heat and scientific ventilation. Two weeks ago I visited one near Chicago which contained all these modern improvements—so-called—and found besides that all the walls were built double, with air space between, and the floor double. The latter is as it ought to be in nearly all climates—especially where it is at all damp—but excessive provision against cold hardly seems necessary. Anything which invites impurity of air is dangerous to the pigeon family. That is why I like the South for pigeons. The air is bound to be pure. The buildings can be open during the entire year. I have raised pigeons there by merely piling up tiers of boxes in which they nested. All of this, too, affects the cost of production. Perhaps grain is not cheaper in the South than the North, but I should think it possible that the famous cowpea of that region could be utilized for them. At the Tuskegee Institute in Alabama, I saw 16 different ways of cooking cowpeas, and I think an article that lends itself readily to this variation could be rendered edible to the pigeon family.

But the second reason why the people of the South ought to succeed better than the North already have succeeded is still more weighty. It is this: They have an opportunity to profit by the mistakes of the North. In making this statement I am supposing that the South is new to the business, and that the North has had its unfavorable experience. I am speaking only comparatively. I know that the South has raised pigeons for many years. I raised them myself in the South thirty years ago, but I was not raising squabs then for the squab market. I am speaking of squab raising for the squab market as an industry. This business started in the North some fifteen years ago, and has only recently started in the South. Our Southern neighbors bought Philadelphia squabs (mostly cold storage squabs) before they began to raise them for themselves. The business started in the North with very crooked dealings. Skillful advertisers sent out alluring advertisements and misrepresenting circulars, showing immense profits and little work in the business. The bait caught. Thousands entered hastily into the business, bought worthless birds, old birds, unmated birds, birds of one sex—anything that was a pigeon—repented at leisure, and have since been industriously going out of the business. All this has now changed. The indignation of the deceived, the persistency of those who finally studied the problem, the second and cooler judgment of the misguided have prevailed, and dealers no longer—at least, not many of them—try to sell anything that wears feathers for a productive squab breeder. The better class of pigeon men now send out mated birds, birds banded so that their sex is apparent at a glance, and the buyer has some chance to establish a profitable flock. This, I consider, the most promising thing in the industry and the South steps into the business in the right time to get the full benefit of it. People, too, in the South are eating more squabs than ever before, and as they raise their own squabs they are eating better ones. They are fresher, and there is a vast difference between a fresh squab and one that comes out of cold storage.

Taking all these things into consideration; taking into consideration also the prosperity of great manufacturing centers in the South, observing the ease with which one can make a start in the business in a country requiring so little outlay in buildings, it is not strange that many, here and there all over the South, are beginning to inquire for reliable facts concerning squab raising. I give but a few of time to note the trend of thought which letters time to note the trend of thought which letters

from various states indicate. The only word of caution that I wish to urge on all is this: Be careful and get good foundation stock for your flock. If you start right, half the battle is won. After that it is good care that wins the victory. The diseases of pigeons in the South are simple in character, and not difficult to be guarded against, and overcome. If the start is made right, and not made too large, there is little risk.

W. G. TODD,
Manager of the Practical Poultry & Pigeon Pens, East Bridgewater, Mass.

About Caponizing

Those interested in the subject of caponizing will do well to send to Geo. P. Pilling & Son Co. for one of their complete guides on the operation. This is a book of 48 pages, which not only contains general information regarding capons, but also shows a series of illustrations, each step and the best method of procedure in caponizing. This valuable little book will be sent free to any of our readers who may contemplate doing something in that branch of the poultry industry. The address is Arch Street, Philadelphia, Pa.

The American Black Minorca Club

Has gotten out some very fine ribbons which will be offered as specials for Single Comb Black Minorcas in poultry shows throughout the United States and Canada. Competition open to all members of the club and Minorca breeders who join the club before the entries close. Minorca breeders should write for membership application blanks and show secretaries for full particulars to George H. Northup, Secretary-Treasurer, Raceville, N. Y.

UNVARNISHED FACTS
.....ABOUT.....
SQUAB RAISING
—STAMP FOR REPLY.—
PRACTICAL PIGEON PENS
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Devoted to the interest of Pigeons and Pigeon fanciers everywhere.

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Rhode Island Reds

Buy them now, while they are plentiful
Over three hundred to select from.

They All Look Good



We predict that in 4 months there will not be a Red for sale. Remember, our breeders this season were the cream of the South. First at Charleston, Birmingham, Columbia and the great Nashville show were bought by us. We will open your eyes before show season is over. A word to the wise is sufficient.

H. B. Lansden & Son
Manchester, Tenn.

16 years in the fancy poultry business

MANN'S WHITE ROCKS

Won the Lion's Share

Of the coveted prizes at seven of the largest shows last season.

Let me furnish you Eggs

If you want to raise winners.



G. E. MANN

Route 10, Porter Pike. NASHVILLE, TENN.

S. C. RHODE ISLAND REDS

SILVER CUP WINNERS. Special sale of breeding stock begins June 1st. Eggs from prize mating half price after June 1st. Write for prices on stock. Member of National S. C. Rhode Island Red Club.

D. L. DITTO, BRANDENBURG, KY.

ANOTHER VICTORY FOR MILES' UTOPIA BARRED PLYMOUTH ROCKS S. C. RHODE ISLAND REDS

At the great Ohio State Fair, September, 1907, one of the largest fall shows in the United States, in one of the largest and best classes of B. P. Rocks and R. I. Reds ever shown, we won four firsts and four seconds, defeating some of the oldest and largest breeders in U. S.

Our winning at Nashville, Tenn., January, 1907; Indianapolis, Ind., February, 1907, is a matter of history, and separate and alone is proof conclusive of their superior quality.

Our winning of the American Cup on B. P. Rocks, at the National Show, Cincinnati, January, 1906—the third time in four years—is a victory unequalled.

A prominent R. I. Red breeder of the South visited my farm the last of August, he having come from the East, where he had visited the yards of some of the most prominent Red breeders of the East; he stated I had the "reddest red birds" he had seen, and he left a fine order for November 1st shipment.

We have the quality and the stock to select from. We can and will please you. Write me at once. We guarantee satisfaction.

MILES POULTRY FARM

OSCAR E. MILES, Owner.

CAPITAL TRUST BUILDING.

(Please mention this publication.)

COLUMBUS, OHIO.

HIGH GRADE BUFF WYANDOTTE COCKERELS

and pullets now ready. Good shape, splendid color, tails and wings near perfection. A few good hens for breeding and showing. My 1907 matings "nicked" to perfection. Shall I share my success with you? "Hints for getting good Bufts" for the asking.

DR. N. W. SANBORN, Box H, BELLINGHAM, MASSACHUSETTS



TURKEY DEPARTMENT

CONDUCTED BY MRS. J. C. SHOFNER, MULBERRY, TENN., TO WHOM INQUIRIES SHOULD BE MADE. ALL QUESTIONS WILL BE ANSWERED IN THIS DEPARTMENT THROUGH THE INDUSTRIOUS HEN.

Turkey Advice

One of your readers asked what was the matter with his turkeys and the editor told him that in all probability it was lice. I do not wish to be thought as disagreeing with the editor, for I indorse all he said. Yet many troubles of the turkeys are caused by inferior male birds. To have a healthy bird one must have eggs fertilized with a vigorous male germ. One can not have a vigorous male germ without a vigorous and healthy male. In fifteen years' experience with turkeys I have found that the greatest part of the troubles which befall the young turkey can be traced to inferior breeding males. The little birds come into the world with a noticeable lack of vigor and they fall easy victims to all kinds of diseases and insects. It is said that the bull is half the farmer's herd of cattle. I believe that the tom turkey is a little more than half the farmer's flock of turkeys.

When the young bird hatches it should not have a thing to eat for a day and a half. The little poult is very delicate and to fill its stomach with such feeds as corn meal or other feeds difficult to digest would be hastening disaster. After twenty-four to thirty hours the poults may be fed a very little chopped oats, which is free from chaff or hulls. This should be given dry. A tablespoonful for each dozen per day is enough for the first two or three days. If the reader has them, he should feed a few dry bread crumbs in place of the oats. The bread should not be sour or mouldy. At the end of a week a little corn meal may be mixed with the chop at the proportion of one part meal to three of oats chop. Give only what the birds will eat up clean. As soon as they are old enough to follow the mother they should have their freedom, so they can find insects. Turkeys are insect-loving birds and can not do as well as they should without them. Never turn them out in the morning till all the dew has gone from the grass. In wandering in the wet grass they contract rheumatism and a number of other ailments which are very injurious.

Then, follow the editor's advice and look for lice. The first examination should be made when the poults are about three days old. Look around their heads for the large head lice. These cause the most trouble, and if allowed to remain on the poult for even a short time will cause its death. The little bird will become mopy and sickly and in a few days will die. One of the best remedies I have ever used is a very few drops of melted lard. One or two drops rubbed into the down around the head in the section frequented by the pest will destroy the louse. One application each week for four weeks will carry the bird past danger. Some add a little kerosene, which is very effective, but dangerous to the bird if too much is used. Generally about one part kerosene to six or seven of lard is about the right mixture.—Mrs. Emma Stacy, Peoria, Ill.

Fattening Turkeys

Some valuable light is thrown on the much mooted question of fattening turkeys in confinement or on free range, by the report of an experiment in feeding at the Manitoba Experiment Station:

An experiment was made as to the gains by turkeys confined in pens as compared with those that ran at large. Those in pens were given all they would eat clean of a mixture of wheat, oats, and barley 2:1:1. In the morning the grain was fed chopped and wet with milk, but in the evening it was fed whole. It was noted that the turkeys were apparently more fond of oats than of the other grains, so toward the end of the fattening period the proportion of this grain was increased. A little grain was fed the turkeys which were not confined in addition to the food which they could gather. The five turkeys in pens weighed on an average 6.55 pounds each at the beginning of the test. During the forty-two days of the feeding period the average

gain was 4.05 pounds, 6 pounds of grain being eaten per pound of gain. The turkeys running at large also weighed at the beginning of the test 6.55 pounds each and made an average gain of 1.85 pounds. In both cases the greatest gains were made during the first three weeks of the period. It is stated that the penned turkeys when dressed shrank 5 per cent less than those running at large and that they were plumper and were in every way more inviting in appearance.

1000 BUFF ROCKS

Large, clear, rich, Golden Buff birds. Sired by the noted "King George," Jeffersonville and Louisville winner. Rich under color, clear wing and many free from smoke or peppering in tail.

GIANT BRONZE TURKEYS

The get of the Great World's Fair 48 pound First Prize Tom.

Booking engagements now for future show dates, score card or comparison, all varieties. Write

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MAMMOTH BRONZE TURKEYS

Prize Winners Wherever Shown.

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FINE VIEW POULTRY YARDS

W. P. Rocks and Bronze Turkeys

My birds are the combination of direct descendants of the Chicago World's Fair, Madison Square Garden, New York, and St. Louis World's Fair winners. Have spared neither pains nor money to obtain the best in the world, with an eye to beauty, size, laying qualities, and superior individuality.

Eggs now at half price, \$1.00 per 15.

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WHITE WYANDOTTES S. C. W. LEQHORNS

Have twenty finely marked cockerels—can mate you some choice pens. Eggs in season from selected yards, bred for size, carriage, standard markings, eggs.

THOROUGHbred O. I. C. HOGS JERSEY CATTLE

Reasonable prices. Square dealing

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HOUDANS, S. C. B. ORPINGTONS

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Leading Winners at Madison Square Garden, New York, 1907, in the Hottest Competition.

Our catalogue and mating list tells all about our matings and winnings on Partridges and Turkeys. The choicest stock always for sale. Write your wants. We can please you.

BIRD BROS., Box F, MEYERSDALE, PA.

MAMMOTH BRONZE TURKEYS B. P. ROCK CHICKENS AND POLAND CHINA HOGS

"Goliath," at 19 months old, weighed 48 lbs., scored 97½ points, won first prize at Nashville show, January, 1906; also two specials for largest fowl in show. I also won 4th hen and 4th pullet, score 95 points. At North Alabama show, December, 1905, I won 1st on yearling cock "Goliath," 2nd on yearling hen, special \$5.00 on pair, 1st on cockerel, 1st on pullet, special \$5.00 on young pair. Goliath heads my flock of breeding females, 1906, six of which are daughters of "Jumbo Jim," the 47 pound, 18 months old tom that won 2nd prize at World's Fair, St. Louis, 1904. I also have 1st and 2nd prize winning pullets at Columbia, Tenn., in my flock. I carry B. P. R. chickens of best prize winning blood—Bradley Bros. and Sid Conger strain direct. Young and old stock for sale. Patronage solicited and everything guaranteed as represented. For further information address

MRS. J. C. SHOFNER

R. F. D. No. 1, Mulberry, Tenn.

THE HONEY BEE

This department is edited by Mr. G. M. Bentley, University of Tennessee, Knoxville, who will answer questions referred to him. Persons desiring reply by mail must enclose 2c stamp.

A Swarming Box

A swarming box is very handy to have in the bee yard. It resembles a great corn popper, with box 12x16 inches by 8 or 10 the other way. The long handle should go clear through the box to strengthen it. Make the box of very light wood. The biscuit boxes have the right material to make one. Bore inch holes in the sides to give the swarm air. With this swarming box you need not mutilate your shade trees to get swarms, but can collect one in this from anywhere—from a fence post or from your neighbor's fruit trees when he reports with dismay that a swarm has alighted there. A handle ten or thirteen feet long will do very well if it is fruit trees or ornamental shrubbery that are near enough to furnish alighting places for your swarm. But if you are near tall trees, the longer the handle the better. Bees can be carried from any point in the neighborhood in this box, they clinging to it as if it were home. They are easily dumped from the swarming box on the alighting board before the new home which you have made ready.

A good assistant to go with this box is another long slender pole with a hook on the end of it, so when you put this box under a limb holding a swarm, with the hook catch the limb just beyond the cluster and give it a jerk. Of course the air will be full of bees and buzzing. But wait awhile, if they do not all settle in your box, shake the branch again and keep at it until your bees get tired of such a wiggly bush and settle on the quiet box.

A gentleman passing the house one day said there was a swarm of bees on a fence post a mile and a half away, out at the cemetery. One of the boys took the swarming box and got it. He got it home safely more to see if he could do it than from its value, as it was too late in the season for it to build up without help.

I remember once a swarm that would not stay in the hive I prepared for it, but kept coming and going back on the same tree. The third time I got it in my box I carried it into the cellar to cool off and left it there all night. The next day when I took it out and emptied it down in front of the hive the bees went in like good children and went to work.—*Farm Magazine.*

These Bees Pay

We keep bees in connection with farming and fruit growing, and consider them a benefit, in fruit growing especially, in helping to fertilize the blooms. My wife and boys attend to the hiving of the bees, putting on and taking off of supers, etc., so I am bothered but little by the bees during the busy crop season. We use the Langstroth hive, both the wide one, holding twenty-eight sections in super, and the narrower one holding only twenty-four sections in super. The wider one gives stronger colonies that do better and make more honey, but are heavier and harder to handle. Ours are the common black bee and Italian bee mixed. We built a shed near the house among the cherry and apple trees, for our bees, with a low netted wire fence around it to keep poultry out. They thus have protection and shade, and yet the early morning sun reaches the hives, and they have the low limbs of trees on which the new swarms will settle and are easy to get at to hive. The hives are set on a frame about ten inches from the ground. The cost of keeping bees is not much, except the work. But not every year is a good honey year. Some years they do well; others very poorly. We keep from eight to fifteen colonies. Some years we sell less than \$12 worth of honey, while other years we sell from \$25 to \$50 worth. All of our family have a fine appetite for honey, and do not slight it. Being healthy, it is better than medicine, costs less, and we all enjoy it much better. Honey generally sells readily here in our home market at 10 to 12½ cents a section or pound. We think it pays well enough to keep bees in connection with farming and fruit growing, taking into consideration the luxury of having plenty of good honey for family use. Our mountain honey is first-class; better than in many other locations.—*A. J. Umhaltz, Ark.*

Scarcity of Honey

Honey will be scarce with us this year. Our bees have quite all perished by starvation. Why so? The spell of warm, spring weather in March brought out all the fruit and forest and other blooms. This condition put the queen, the mother bee, like the farmer, to full

working in filling up and preparing for the harvests that springtime promises and rarely fails. The weather man blew his frost breath over the land and the flowers and blossoms perished with their tiny stores of nectar and the cutworm and the little Texas green devils came to life. Poor little mother bee was caught with home full of baby bees and the harvest of sweets to feed them gone. The result is, the bees are dead on their empty combs. Out of sixteen good strong colonies that I placed around in my country home neighborhood I fear not one is alive. Bees alone make honey. No other creature with hair, hide or feathers can make honey. The honey bee has the exclusive monopoly of the business. This will be a good time for the honey counterfeiters to try their hands. There will doubtless be ample supply of the goods on the market. The harvest of the grafter and honest pure food inspector will pay rich, for all the ingredients are in ample supply and easy reach. Lookout! There may be an over supply of so-called "pure honey" that a bee never saw and would not taste. You may corrupt men and women to lie and cheat, but you can't fool a honey bee. Honey is the only God-given sweet we have. It was pure when the flowers in God's garden bloomed, and it is pure today.—*W. C. in Home Journal.*

HONEY IN THE COMB

May be produced in elegantly finished blocks by using patented partition and a system of controlled passages and escapes in the common "box-gum." All easily made at any farm-home. All surplus honey taken without disturbance of brood-nest, while bees are excluded from honey section; consequently without stings. For family right, with full instructions, send \$1 to Dr. B. C. Smith, Elberton, Ga., Route 7. A complete model gum will be delivered for fifty cents extra.

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GLEANINGS IN BEE CULTURE

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This paper is fully illustrated with the most attractive illustrations of apiaries, appliances, etc., and has a special illustrated cover each issue.

Trial subscription six months for 25c, money returned if not satisfactory.

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P. S.—When ordering the above if you will mention THE INDUSTRIOUS HEN and request it we will send you your choice of two of any of following 10c pamphlets.

Facts about Bees.
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Guaranteed to give the best results
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A guaranteed Remedy for Roup, Colds, Canker, and Catarrh. Will reduce Swelled Head and Eyes in a short time. Save loss by its use. Mailed, post-paid, for 50 cents. THE O. K. STOCK FOOD CO., 647 Monon Building, Chicago, Ill.

First Cockerel, World's Fair



MY Brown Leghorns WON The BLUE

World's Fair, St. Louis, Mo., Atlanta, Ga., Charlotte, N. C., Huntsville, Ala., Charleston, S. C., Raleigh, N. C., Macon, Ga., Warsaw, Ky., Louisville, Ky., Nashville, Tenn., Knoxville, Tenn., Cincinnati, Ohio, and Cleveland, Ohio. Young stock from my prize winners coming on nicely for fall fairs and shows. Free circulars.

E. E. CARTER
KNOXVILLE, TENN.

Member Amer. S. C. Brown Leghorn Club

Souvenir Post Cards

Are All the Rage

We manufacture them for you from photographs of yourself, your children, your residence, animals, birds, etc., plain or colored. Quick delivery guaranteed. Send for samples and prices.

The Industrious Hen Co.

Knoxville, - - - Tennessee

White Langshans, S. C. Buff Leghorns Pekin Ducks, Fox Terrier Dogs

Winners at Madison Square Garden, Chicago, and Indianapolis. Balance of season, eggs from either of our varieties at \$1.50 per 15 or \$2.50 per 30, and a square deal promised.

Reference: Editor of this paper.

A. W. PORTER & CO.

Dept. G. BRIDGEPORT, IND.

S. C. RHODE ISLAND REDS ONLY

Eggs in Season for \$1.50 and \$3.00 per 15 My foundation stock is from best Reds in this country. I now have 150 young stock for sale—75 cockerels, all from first prize winners last season. Write y ur wants.

W. OSCAR ORR, Box 112, ROANOKE, ALA.

PLEASE MENTION THE HEN.

THE TENNESSEE STATE FAIR

Dairy Exhibits at the Fair

Written for *The Industrious Hen*.

One of the most prominent features of the State Fair at Nashville, September 23-28, was the various dairy exhibits. The Dairy Department was given a large space in the south end of the lower floor of the Agricultural building. In this space was a working dairy, a milking machine in operation and the butter exhibit. The working dairy and the milking machine exhibit were in charge of the Dairy Department of the State Agricultural College, and the work was done by students of that department.

The milking machine was operated twice daily and never failed to draw a large and interested crowd. The cows were placed on a platform about two feet high so that the machine could be seen easily and at the same time keep the people from crowding closely around the cows.

The people were very much surprised when they saw that the machine would actually draw the milk, and still more surprised to learn that the cows being milked had never seen a milking machine before, yet stood as quietly as if they had always been milked by a machine.

In the working dairy, demonstrations in separating milk and making butter were given every day. These demonstrations attracted large crowds of farmers' wives who kept those in charge busy answering questions on various dairy subjects and explaining the principles of scientific butter making. These two exhibits were strictly educational in character and as such were greatly appreciated by the people.

In the same part of the building was the butter exhibit. Prizes were offered for two classes—one for one pound prints, and one for five pounds or more of butter in bulk. Both classes were well filled. The quality of the butter and the neatness of the package both showed improvement over last year.

A feature that always attracts a great deal of attention, especially among the ladies, is the ladies' butter-making contest. There were several contestants this year, several of whom were in the contest last year. That they had profited by what they learned last year was shown by the number of butter workers and brick molds in use. The quality of the butter made was also an improvement over last year.

After the contest was over Mr. J. C. Guthrie, of Kentucky, one of the judges, made a short talk on butter making and the qualities of good butter. The people took great interest in all these exhibits and they appreciate the effort the fair association is making to introduce these educational features.

Another part of the educational side of the fair was the judging contests. There were several of these contests, two of which were of especial interest to dairymen—one for the best judge of butter and one for the best judge of dairy cows. Four prizes were offered, being \$25, \$15, \$10 and \$5. There were several contestants in each contest, and the competition was close.

The first and second prizes in every case were won by agricultural college students. This shows that there is some advantage in an agricultural college course. These judging contests furnish excellent experience for those who participate. They study the various qualities of butter, and study the points of the best of dairy animals. On account of their educational value more than the value of the prizes, there should be a large number of contestants.

To say that the show of dairy cattle was a great show does not convey to the reader much of the greatness of the collection of high class animals that made up this exhibit. While there were representatives of the Jersey, Guernsey, Holstein, and Brown Swiss breeds, the Jerseys were much more numerous. It was undoubtedly the best Jersey show ever held in the South. Among the well known animals present were Brookhill Fox, Stockwell, Golden Fern's Sensation, and others. Stockwell has the reputation of being the highest priced bull ever sold at auction, bringing \$11,200 at the Cooper sale last spring. Brookhill Fox is a great prize winner, winning first at Nashville this year. Golden Fern's Sensation is an almost perfect type of the dairy cow. Such a show of high class animals speaks well for the reputation of the Tennessee State Fair and its management and it furnishes excellent opportunity for the dairymen of the state to study the best types of dairy animals.

Taken all in all the Tennessee State Fair was a decided success from the visitor's standpoint.

JAMES N. PRICE.

Poultry at the Fair

The show was well managed, the judging, which was by comparison, was all done on Tuesday, and by six o'clock all the awards were up, while the work of Judges Jones and Marshall seems to have given general satisfaction. The cooping was handsome and nearly uniform, while the fowls were well fed, watered and cared for. Supt. Murkin was the right man in the right place and is to be congratulated on his success. Many more varieties than usual were on exhibition, such as Buckeyes and Black and White Orpingtons. There were over two thousand birds in the show.

The *Tennessean* says: "This is undoubtedly the largest collection of feathered aristocrats ever assembled in the South, and compares favorably with shows anywhere in the country." The *Banner* says: "The exhibit is said to be one of the best ever held in the United States. Many say it is the best, both as to quality and quantity, ever held South of the Ohio river." The judges were R. E. Jones, Kentucky; Geo. Ewald, Ohio, and F. J. Marshall, Georgia.

The strongest classes in the show were Rhode Island Reds, White Wyandottes, White and B. P. Rocks, Buff Orpingtons, and Black Langshans.

E. L. Doak won three blue ribbons on his White Wyandottes, and cup for best pen of all breeds shown. He made some good sales at the fair.

John W. Boswell, Jr., the White Wyandotte breeder of Leeville, Tenn., exhibited his "Grandma" hen, who is nine years old and a many times winner. She has netted Mr. Boswell over \$1,000.

Over 200 Reds were shown. Frank Langford won 1 ck., hen, ckl., and pen, 2 pul., 3 pen. H. B. Lansden & Son, 3 ck., 2, 3 ckl., 2, 3 hen, 1, 3 pul., 2 pen. Park Poultry Pens, 2 ck. In this class was the strongest competition in the show with the best quality ever brought out in the South. The first prize cockerel, shown by Langford, was a wonder in color, a rich, even red, with strong under color, long in back and strong in hackle. This bird has a beautiful head and the best wing in the class. He will be heard from at the big shows. Lansden Reds are as good as you make 'em. He sold Loring Brown his 3rd cockerel and 3rd hen for \$100, which shows what they are.

J. O. Norton had a fine lot of W. P. Rocks on exhibit. He was handicapped by a number of accidents to his birds, but won in spite of this.

Eastland Poultry Yards had a fine exhibit of White Rocks not entered for competition. Some of the best Northern breeders, we are informed, have been negotiating for some of their birds.

T. Reid Parrish had a beautiful exhibit of Light Brahmas. Theo. Hewes, the judge, is himself a Dark Brahma; he has bred his birds to a perfection seldom seen.

Park Poultry Pens, Miss Alice Pelton, Prop., had her share of the winnings. Her 1st prize Black Langshan cock is a beauty and has never been beaten. Her 2nd R. I. Red cock was one of the best there. One of the features of the show was her pen of Black Orpingtons; these big fellows attracted much attention.

Mrs. Lou Lusky won her share of prizes. She has some fine quality in Light Brahmas, Black Langshans, W. P. Rocks and White Wyandottes. We handled some of her Wyandotte hens and they are good ones. She's got the turkeys all right too. She won three prizes on them.

The Acme Supply Co. had a complete exhibit of their poultry feeds and appliances with several competent men in charge. The place was thronged all the time and they did an enormous business. They are the best equipped concern of the kind in the South, and have a fine field all to themselves. They will succeed.

We had the pleasure of meeting Geo. S. Tyler, superintendent of Miles Poultry Farm, Columbus, Ohio. He reports business good with him, and said, we might well be proud of the State Fair Poultry show.

The ever genial Theo. Hewes, of *Inland Poultry Journal*, was much in evidence at the show. He thinks Tennessee one of the greatest sections for poultry raising in the United States. He stayed all the week and was of invaluable assistance to the show. We are watching, with interest, the egg contest which he has progressed. We shall have some reports on its progress.

Ira E. Douglass, manager of Rosemary Poultry Farm, Whites, Tenn., near Memphis, reports that there will surely be a good show

at Memphis in which vicinity the number of fanciers has largely increased lately.

The Augusta people are hustling for their November show. They had a number of boomers at Nashville.

American Poultry Advocate and *Poultry Success* had representatives at the fair.

Hayssen's Poultry Yards, Chunchula, Ala., had a beautiful show of Pekin ducks. They won prizes on old drake, old duck, young drake and young duck.

The following awards were made:

W. P. Rocks—Geo. E. Mann, Nashville, 2, 3 ck.; J. O. Norton, Nashville, 1 hen, 2 pen; Porter Bros., Columbia, 3 pen; H. E. Matlocks, of Oakland, Ill., 2, 3 hen, 1, 2, 3 ckl., 1, 2, 3 pul., 1 ck., 1 pen.

Silver Wyandottes—J. A. Muecke, Jr., Kingston, Tenn., 1 ckl., 2, 3 pul., 1 pen; Byrd Bros., Nashville, 1 pul., 2 ckl., 1 ck., 1, 2, 3 hen, 1 pen.

Buff Wyandottes—Mrs. B. F. Hamlett, Port Royal, Tenn., 1 ckl., 1 pen.

Columbian Wyandottes—J. M. Butler, Murfreesboro, 1, 2 ckl., 1, 2 pul., 1 pen; A. B. McLean, Columbia, 3 ckl., 3 pul., 3 pen.

Light Brahmas—Mrs. Lou Lusky, Nashville, 2, 3 pul.

Buff Orpingtons—Mrs. Dr. J. A. Orman, Nashville, 1, 3 pul., 3 pen; W. H. Puryear, Glendale, 2 ck., 1, 3 hen, 2 pen; A. B. McLean, Columbia, 3 ckl.

Black Langshans—W. E. Lumley, Wrightsville, Ga., 1 ckl., 1 pen; Park Poultry Pens, Nashville, 1 ck., 3 ckl.; Mrs. Lou Lusky, Nashville, 2 ck., 2 pen; F. R. Noble, Nashville, 2 ck.

S. C. Brown Leghorns—H. T. Boyd, Sweetwater, 1 ckl., 1, 2 pul., 1 pen; John Trimble, Nashville, 1, 2 hen.

S. C. White Orpingtons—W. H. Puryear, Glendale, 1, 2, 3 hen, 1 ckl., 1, 2 pul., 1 pen.

S. C. White Leghorns—R. S. Hopkins, Columbia, 1, 2 ck., 1, 2 ckl., 1, 2, 3 hen, 3 pul., 1 pen.

Bronze Turkeys—Mrs. Lou Lusky, 3 hen, 1, 2 pul.

Largest and best display, any one variety poultry, E. F. Langford.

"The Whole Thing in a Nutshell."



**200 Eggs
A YEAR
PER HEN**

How to Get Them

The sixth edition of the book, "200 Eggs a Year Per Hen," is now ready. Revised, enlarged, and in part rewritten. 96 pages. Contains among other things the method of feeding by which Mr. S. D. Fox, of Wolfboro, N. H., won the prize of \$100 in gold offered by the manufacturers of a well-known condition powder for the best egg record during the winter months. Simple as a, b, c—and yet we guarantee it to start hens to laying earlier and induce them to lay more eggs than any other method under the sun. The book also contains recipe for egg food and tonic used by Mr. Fox, which brought him in one winter day 68 eggs from 72 eggs; and for five days in succession from the same flock 64 eggs a day. Mr. E. F. Chamberlain, of Wolfboro, N. H., says: "By following the methods outlined in your book I obtained 1,496 eggs from 91 R. I. Reds in the month of January, 1902." From 14 pullets picked at random out of a farmer's flock the author got 2,999 eggs in one year—an average of over 214 eggs apiece. It has been my ambition in writing "200 Eggs a Year Per Hen" to make it the standard book on egg production and profits in poultry. Tells all there is to know, and tells it in a plain, common-sense way.

Price 50c, or with a year's subscription to *THE INDUSTRIOUS HEN*, 75c; or will be given free for two yearly subscriptions at 50c each.

THE INDUSTRIOUS HEN CO.
KNOXVILLE, TENN.

S. C. W. LEGHORNS

FREE RANGE BIRDS! LAYING STRAIN!

Eggs for hatching. About fifty Cocks and Cockerels (fine), to be moved at a bargain. We have an up-to-date plaut, prepared to handle 1,000 chickens yearly. Visitors welcome.

Speedwell Poultry Farm, Salem, Va.

THE KENNEL

This Department is conducted by **WALTER J. HUNTER**, Johnson City, Tenn., to whom all queries should be addressed.

First Annual Dog Show at Knoxville

The first attempt to hold a dog show at Knoxville was made on the 20th of September with only about ten days' notice. It was a great success and as great a surprise to all interested. There were fifty and more dogs shown, and some of them would have done credit to Madison Square. Among the drawing cards was Prince Whitestone, owned by J. J. Pace, of Jellico, the king of all bird dogs, who had a crowd around him from the time he entered until the close. Then came the Bull dog class, which was the largest. The first prize going to Ambrose Gaines, and the second to the famous Lincoln Park Kennels, owned by G. L. Burnett. The Knox Collie Kennels came in for their share by winning three firsts. The grand stud dog "Monty" was easy winner over all competitors. Following is only a partial list of the winnings:

Collies—Dogs: First, "Monty," owned by the Knox Collie Kennels. Second, "Cobbler," owned by Ike Capps. Bitches: First, "Parbold Daisy," owned by Knox Collie Kennels. Second, "Biltmore Queen," owned by Knox Collie Kennels. Puppies: Bitches, First, "Beauty Bright II," owned by Knox Collie Kennels.

English Bloodhound—First, Bitch, "Minnie," and four pups, owned by W. P. Chandler, Chief of Police.

"Biltmore Queen," first prize at Knoxville Dog show, is a beautiful tri-color bitch from the famous Biltmore Kennels and has a long line of famous ancestors. Her last litter of puppies were as pretty and lively little fellows as you want to see and sold readily to dog fanciers at from \$10 to \$25. She is owned by the Knox Collie Kennels, Knoxville, Tenn.

Few more beautifully marked bitches ever came to this country than "Parbold Daisy." She was imported by the Knox Collie Kennels at three months of age and is a beautiful sable and white, with some of the best English Collie blood in her veins. Her head and ears are almost perfect and she has the sense of a human. Her last litter by "Monty" sold rapidly at good prices. Orders will be booked now for puppies for January and February delivery.

"Beauty Bright II," a first prize sable and white puppy winner, is a rare bitch, almost pure white. Her ancestral line is hard to beat for winners. She has an ideally long head, perfect ears, a fine coat, bright countenance, and a strong, vigorous constitution. White Collies being rare, she will be used by the Knox Collie Kennels for breeding white Collies exclusively. Orders will be booked now, a year in advance of her whelping.



Lily of Craigmore, owned by Monte Vista Collie Kennels, Johnson City, Tenn.

Dachshunde—First dog, "Tinker," owned by Miss Sue Johnston.

Bull Terriers—First dog, "Jack," owned by Mrs. Michael Campbell. Second dog, "Spink, Jr.," owned by Mrs. W. E. McLaughlin. First Bitch, "Cricket," owned by Ambrose Gaines. Second Bitch, "Queen," owned by Burnett Kennels. First Dog Pup, "Buster," owned by Ambrose Gaines.

English Bull—First Bitch, "Ju Jou," owned by Miss Ruth Burnett.

English Setter—First dog, "Tom Whitestone," owned by T. T. Pace. First Bitch, "Lady May," owned by C. M. Monday. Champion "Prince Whitestone" was not shown in competition.

Irish Setter—First Dog, "Bill Nye," owned by Dr. C. M. Capps. Second, "Dod," owned by John Staub.

Fox Terriers—First Dog, "Penn," owned by Miss Margaret Nickerson. Second Dog, "Carlo," owned by Mrs. H. H. Ingersoll. First Bitch, "Tootsie," owned by Mrs. H. H. Ingersoll.

Greyhound—First Dog, owned by Mrs. G. L. Burnett.

Dalmatian—First Bitch, owned by Fire Chief Sam Boyd.

A Knoxville Kennel Club will doubtless be organized in time to have a large dog show another year.

Nashville Kennel Club

Nashville is not behind in any of the fancies when it comes to high class stock. A permanent organization has just been effected and will put on one of the largest and best dog shows ever held in the South. The officers are R. E. Jones, President; Frank Langford, Vice-President; Jno. A. Murkin, Jr., Secretary, and E. L. Doak, Treasurer. With such well known men as these at the wheel, the future of the association is assured.

Collies For Sale

PUPPIES—Four new litters—will be ready for delivery in January and February, 1908. The best tri-color, and sable and white puppies we have ever raised—from prize winners and by the great stud dog, "Scottish Alton Monty," an imported first prize winner in hot competition. Biltmore Queen, Parbold Daisy, Caledonia Lena, Essa Ava II, and Beauty Bright II are prize winning bitches. Six-weeks old puppies \$10 to \$25. Book your order now.

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A. K. C. S. B. 92455

Monty is a typical sable and white Collie. He is large, strong, with a perfect head and ears, and a beautiful rich golden color, and has won many first prizes, his last being at the dog show, Knoxville, Tenn., Sept. 21, 1907. He throws well marked, strong, vigorous puppies. Fee \$10.

For further particulars or pedigree of Monty, address the

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One of the best Collies in the South. Sable and white. Fee \$7.50. Send for circular and pedigree. S. C. W. Leghorns, show birds and breeding stock, for sale cheap

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Proved themselves winners again at Indianapolis, the greatest show ever held in Indiana. 1, 2 Pens, 1, 2 Hens, 1 Pullet, 3 Ck., 4 Ckl.; four Silver Cup Specials for best male and female. Eggs from the same matings that I breed from \$3.00 for 15. A few

Cockerels and Pullets for sale.

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Care of Hospital.

ANGORA GOATS

All correspondence should be addressed to Reginald Forwood, Garfield, Ark., and if a direct answer by mail is required a remittance of 25 cents should be sent.

The Angora Goat—V

Written for *The Industrious Hen*.

During the year 1905, approximately, five million pounds of mohair were consumed by mills in the United States, three million pounds of which was imported from foreign countries. This means that about two-thirds of the mohair manufactured in this country is imported, in spite of the industry being protected with a duty of twelve cents per pound. It is therefore surprising that the Angora goat industry is not more universal, and there is no reason why every farmer in the country should not raise a few Angoras, for their keep is inexpensive, and there is a good market for the mohair, the proper word for Angora goat wool. The price does not vary much from year to year, and while there is a wide difference in the value of long and short wool, from 16 cents to \$6.50 per pound, the average run is about 25 cents. It is only the very finest Angoras that produce long mohair, the price scaled according to the length of the mohair, and the price of animals producing the long mohair seem high to the uninitiated, but are reasonable enough considering the return upon the purchase price of the goat. The average individual is not familiar with the industry, and to inform him that the record yield in wool from two goats netted \$273 would open his eyes as to the possibility of the Angora goat industry, which is yet in its infancy. Such a return as this can not be expected from the average run of Angora goats, but it is interesting to know that such results have obtained, and it demonstrates what can be done by careful breeding and proper attention to the business. As mentioned in the June article to *THE INDUSTRIOUS HEN*, there are many Angora goats in the country, or goats passing under that name, their percentage of Angora blood, however, being small, and which might be illustrated by the following anecdote which actually occurred. X offered for sale a dozen Angora goats. Z heard of the offer and went to have a look at the animals, which were one and all, common hair goats, and so informed X. X replied, however, that his neighbor J had an Angora buck, and he could not see any difference in the goats after shearing the buck, and so called them Angoras.

High grade Angoras will shear from 3 to 5 lbs. mohair. The following table might be taken as a fair average of yield to the different grades of goats:

Half-bred Angoras gives no wool of value.
Three-quarter Angora gives1—1½ lbs.
Seven-eighths Angora gives2—3 lbs.
Fifteen-sixteenths Angora gives3—5 lbs.

Higher grade and full blood animals will shear all the way from 6 to 12 pounds, some kids producing as much as six pounds the first shearing, perhaps less the second shearing, as their first fleece is generally very dense.

The operation of shearing requires some skill and is a difficult task if undertaken by hand with a pair of shears. The present shearing machines are so perfect and save so much trouble that even with only a dozen goats to shear, it is economy to use a machine; the work is done quicker and certainly cleaner. A goat does not like to be handled, and it is necessary to fasten the goat to a shearing table so constructed that he can not free himself or break loose in any way. Difference of opinion exists as to the best time of the year to shear goats, also the question of shearing twice a year. The first shearing should be done in March in the South, or as soon as all danger of a cold wave is past, for Angoras are very susceptible to sudden cold after shearing.

Second shearing, usually in early September, is not to be recommended except in the extreme southwest; very little is gained in the quantity of mohair obtained and it is generally detrimental to the length of the fleece.

REGINALD FORWOOD.

Angora Goats from a Range Standpoint Written for *The Industrious Hen*.

I will give you my views from a range standpoint. A number of others and myself are raising Angoras exclusively. There is in this Sierra County, N. M., about 40,000 head, and some of the best in the United States. I have been raising them for eight years and have at all times from 2,000 to 3,000 head which run at large winter and summer. The range is such here we don't have to feed at all, and our goats keep fat the year round. There is in the mountains (where we find the most successful place to run Angoras) plenty of feed, such as scrub oak, mahogany,

grass and weeds; the brush is an evergreen and in the winter when the grass is dead the goats thrive and keep fat on the brush. An Angora will thrive where any other animal will starve on like feed. We, of Sierra County, find them more profitable than any other stock. We can figure on a safe estimate of sixty per cent on our investment, which can't be done with any other stock.

We separate our bucks from our does August 15, some earlier, but we find in this country the does will not come in season until about August 15. I keep mine separate until November 1st, then breed them. That will bring the kids about April 1st, some March 25th. I shear once a year in February—the herd will bring me about \$1.25 to \$1.50 per head for the mohair. I separate the does that are going to kid from the rest of the herd about March 1st, making two herds. I put with the ones that will not kid (that is dry herd) one man and two men with the kidding herd for the first week—they to take them out on the range and bring in any kids that may come on the range after the first week. I have two men with the kids in the pen; the other two go out with the herd early in the mornings and come in at or near nine o'clock, and out again at 3 p. m. I find the most of the kids drop from 9 a. m. to 3 p. m. I take about six weeks to kid 1500 does and with four men raise about eighty per cent of the kids. For does kidding good corrals are a necessity. You can make them of anything most convenient, provided they are stout and there are no holes where the kids can get out. Angoras will stand as severe weather as any animal so long as they have their fleece on, but are very sensitive to cold rains immediately after clipping. One should have good sheds to put them in after shearing, if not you run a great risk of loss. I never allow mine in the shed until after shearing, in fact I think it improves the mohair to take the rain and snow; makes it cleaner and gives it more life. We find sale for all surplus at good prices among farmers in every state in the union. We sell everything f. o. b. I have at all times Angoras for sale from one to pairs, trios and carloads.

M. LONGBOTTOM.

Renew your subscription to this paper at once. Don't miss a single number. Three years for \$1.00.



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S. C. W. LEGHORN EGGS 15 FOR \$1.50

Fertility of nine eggs out of a setting guaranteed, provided the hen sets all night. Some of my birds scored 96 points.

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NASH'S REDS R. C. S. C.

—ARE—

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I won 1st R. C. Cockerel, 1st S. C. Cockerel and 1st S. C. Pullet (no pen classes) at the Ohio State Fair. Cockerels \$3.00 to \$25.00. Trios \$7.00 to \$50.00

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Glorious White Wyandottes

Noblest type of Milton's "Tame Villatic Fowl." For beauty, for eggs, for the table, and even for companionship, the very first choice of chicken-kind. Cockerels, \$2.00, pairs \$3.50, trios \$5.00. Setting eggs \$2.00 for 15, but we give a year's subscription to this paper to all egg customers referring to this ad.

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The greatest layers in the world. A strain that averages 214 eggs per year. Hardy, vigorous and easy to raise. Good even color. Prices right. Satisfaction guaranteed.

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NUT CULTURE

This department is conducted by Mr. Fred S. Dawson, Starke, Fla., to whom all communications should be addressed.

Some Mistakes in Pecan Growing

Commercial pecan growing is in its infancy; and there are many things yet to be learned about it. The question as to profit, however, is not one of these. The pecan will hold its own with the peach or the apple or the orange as a money producer; with the added advantage that the former will be in its prime when the others of equal age will have perished and been forgotten. But every person who sets a pecan tree or grove will not make a success of it. There are some points that, while applicable to all trees to a certain extent, must especially be observed if one is to succeed in nut culture.

(1) Not long since a prominent horticulturist asked me if I could tell how to transplant pecan trees so that the frequent loss of from 25 per cent to 40 per cent of the trees could be avoided. I have had losses as great as this; but since I learned how to set them, I have had good success. Of 248 trees transplanted a year ago last winter, none died; and of 680 set last winter but ten have died. The pecan does not stand transplanting quite so well as peaches or plums, but there is no reason why there should be a loss of more than one to four per cent. Any loss beyond this signifies carelessness either on the part of the nurseryman who furnished the trees or of the man who transplanted them. Briefly stated, the rule for successful pecan transplanting is this: Never let the roots get dry from the time the tree is dug in the nursery until it is reset in its permanent location. The careful nurseryman heels in each tree as soon as dug; and when shipped, the roots are well wrapped in damp moss. When received by the orchardist, it is best to set at once in holes that have been previously dug, only removing one tree at a time from the original package or other damp packing in which they have been carried to the field. Firm the soil well about the roots from the bottom to the top of the hole. If the soil is at all dry, pour in a bucket or two of water as the hole is being filled. If guano or manure is used, see that it is well mixed with the soil, and that the fertilizer does not come in contact with the roots. The size of the hole and the fertility of the soil have their bearing on the future growth rather than on the living of the tree. In only one case have I known trees to die from being set in too fertile soil. A friend set some trees in a very rich cow-pen and nearly all died; while others set at the same time in less fertile soil lived.

(2) Some of you have observed seedling groves of the same age that vary greatly in size and vigor of individual trees. Some are from four to six times the size of others, yet all have had the same attention. The same is seen in the nursery. Some two-year-old trees ready to be budded will be six feet high; others will be less than twelve inches. Why this is so it is not necessary to discuss. The fact that it is true makes it imperative on every purchaser of trees to know what he is buying. The tree that starts off vigorously will continue so if it is given a chance. The dwarf in the nursery will never become a stately tree in the grove. It is an easy matter to keep the weakling until it is large enough to bud or graft; then, after this is done, to sell it to the unsuspecting as a first class tree. Such trees are dear as a gift. The nurseryman is but human. He does not like to cut down even a scrawny tree that promises some day to put fifty cents or one dollar in his pocket. Hence the dictum:—Know the tree before you buy it, and also the man who sells it.

(3) I have in mind two pecan trees each sixteen years old. One has had an intimate acquaintance with weeds and grass all its days; the other is more familiar with the plow and hoe, and has been a near neighbor of cotton and corn and peas. One is 4 feet 6 inches high; the other 48 feet 8 inches. One has never borne a nut; the other has yielded 350 pounds, with the promise of over 125 pounds additional this season. The one will never be else than a dwarf; the other bids fair to be one of the giants that will greet the opening of the twenty-first century. This difference is likely due in part to the difference in native vigor of the two trees; but the care bestowed upon them will account for the most of it. The pecan dwarfs under neglect; while it is constantly reaching heavenward when properly cared for. Here is the secret of the failure of many. The pecan is worthy the best land and the best care. Neglect to supply these and your reward as a pecan grower will be an empty pocket-book; attention to them

will insure an increasingly abundant reward as the years go by.

(4) So much has been said of the importance of setting budded or grafted trees instead of seedlings that it would be an insult to the intelligence of this audience to repeat here the reasons for this. And yet there are a few who still advocate the seedling. Suffice it to say that such are either ignoramuses or charlatans. This caution may not be out of place: Know the variety that you set; (a) That it is a meritorious one; (b) That it is suited to the locality where it is to be grown.

(5) And, lastly, if you are a pecan grower you should know something about your business. There are a number of enemies both insect and fungus that sooner or later will demand your attention. Happy are you if you know how to deal with them; you may be otherwise if you neglect them. Most of these enemies are easily controlled if one knows how, but they may do much harm if neglected. I mention a few of the most common of these:

The Borer.—If near the surface, cut out with a knife, painting the wound with white lead. If it has gone further into the tree, inject a few drops of carbon-bisulphide into the hole, and stop with wax.

The Bud Worm.—Spraying with some arsenic poison will hold it in check.

Rosette and Scab.—Select resistant varieties.

Fall Web Worms.—Destroy the webs as they appear.

Squirrels of all Kinds.—Get your gun. It is not difficult to succeed in growing pecans. Pre-eminent success, however, awaits that one alone who goes at it with intelligence and a determination to succeed.—J. B. Wight, Cairo, Ga.

"A Short Talk on Pecans."

Starke Pecan Nurseries, Starke, Fla. Write a postal card for it.

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Look up the records on this popular variety for the past five years at this, the greatest White Wyandotte show of the Mid West, and you will find that no two breeders combined ever equalled my record of 1907. 1st and 2d cock, 1st and 3d hen 1st and 3d cockerel, 1st pullet and 1st and 2d pen. No display of White Wyandottes ever attracted more attention or favorable comments than my exhibit. If you want quality I have them. STRICTLY FANCY SHOW BIRDS MY SPECIALTY

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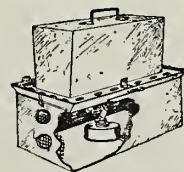
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Pens all Headed by Prize-Winning Males

BUFF ORPINGTONS

I have hatched some sons and daughters of First Cock and First Pen Madison Square this year. Can spare a few good ones at reasonable prices.

H. H. KINGSTON, JR.,

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VETERINARY

By M. JACOB, V. M. D.

Advice through this department is free to our subscribers. Will include all domestic animals. Communications should state history and symptoms of the case in full, name and address of the writer. In publishing, initials only will be used.

Match Up the Horses

This does not imply that those of the same markings or same color are to be worked together. Matching farm teams is more difficult than matching driving teams. A slow walking horse should never be put with a fast walking one, for you will have to constantly urge the slow one, and this soon irritates the other one. Match gaits; match temperaments and match horse-power. These are the three essentials to keep in mind when matching up the team for heavy work. Never put a young horse to very heavy, steady work such as plowing alongside of an old staid horse. The youngster is apt to do more than his share, in spite of all you can do to equalize the work. When breaking a colt I have always found it best to put it alongside an even tempered horse that is not easily rattled. Such a mate will soon give confidence to the colt and he readily falls into work without much trouble. A correspondent says give the colt some light farm work at first, such as plowing or harrowing. That's risky. I would never hitch a colt to a harrow. You never know what they are going to do and a harrow is a mean thing to get a horse mixed up in. I would rather give the colts the light driving and as they become seasoned give them some heavier work. Match up the colt as soon as possible and when the teams are matched up don't change them all around unless for some very good reason. Horses have to learn how to pull and work together.—*Farmer and Breeder.*

Germany's Example for Uncle Sam

Kentucky, the most famous state in the world for fine horse flesh, has again received a token of world-wide esteem in the form of patronage from the Emperor of Germany. A large stock farm having been acquired there by the German government some time ago, the Berlin authorities now announce that German stallions will be shipped at once to be bred to Kentucky mares for the production of cavalry horses for the German army. Dr. Arnold Frank has already purchased several thousand young horses in Kentucky, which German army officers will immediately begin to train at the large training quarters to be established in connection with the breeding farm. At the end of three years the officers will begin to train the products of the stud. The German government is to be congratulated upon the broad-mindedness of its policy is coming to a foreign country to get stock which it believes to be superior to its own. The American government might do likewise. Our cavalry "horses" have been for the most part "cow ponies" and a poor lot of that mongrel breed. Indeed, we have no type of cavalry horse, and the fact that the government is only now beginning to experiment with the Morgan in Vermont shows how far behind the age we are in this important industry. In the Civil War the Union was under a serious handicap because of the lack of horses and horsemen for the cavalry, while the Confederacy enjoyed a great advantage in quality of mounts and superiority of horsemanship. The fact that Mr. E. L. Anderson is abroad studying European military methods with a view to improving our mounted soldiery is a matter of some consolation. Why does not the United States government go to Kentucky or Virginia, and follow the example of Germany?

MORE EGGS

One Way to Make Your Hens Lay During the Cold Winter Months

It is a rather curious fact that whereas numberless papers and treatises have been written upon ways and means of feeding poultry, the subject of water for them has been entirely neglected. And yet, water is just as essential to them as food. The old system of watering is entirely and fundamentally wrong. If you place an open pan of water out in the yard during the summer time, it either evaporates or becomes foul; if during the winter time, it freezes. In either event, the poultry suffers for lack of water; and you have not the time to give it constant attention and be continually replenishing the water pans. Therefore, a water receptacle that would automatically keep itself filled with pure water at all times would prove a boon to all poultry raisers.

The principal reason that hens do not lay as much during the winter as during the summer is that they are usually obliged to drink ice-cold water. It is a fact that if they are given warm water their egg production will increase one-third. Hence a supply of water for your fowls that is warm should prove a very profitable thing for you in the increase in eggs.

The cut shown below illustrates the Automatic Non-Freezing Poultry Drinking Fountain manufactured by the Automatic Hatching Co., 29 State St., Detroit, Mich., and it is reported that it overcomes both of the objections outlined above; that is, it automatically keeps the drinking tank full, and during the cold weather the lamp inside of it keeps the water warm.

When the water in the small cup is lowered below the air pipe, the supply is automatically replenished from the supply tank at the top, in fact, the fountain takes complete care of itself. Thus the water is maintained always pure and fresh and in the winter always warm.

Another splendid feature that is claimed for this drinking fountain is that it will keep your hen house comfortably warm in cold weather, and this is essential to healthy chickens. Hens that have their combs or feet frozen will not lay eggs until they get well. Thousands of fowls get sick and many die in winter from exposure to cold and wet weather.

A catalog fully describing this fountain can be had by writing to the manufacturers.

Murfreesboro Poultry Show

The first annual exhibition of the Rutherford County Poultry Association, held in connection with the Rutherford County Fair, was a great success in every way. There were over 800 birds on exhibition, representing over thirty breeds. The quality was fine and a credit to the Rutherford County Association. The attendance was very large, and many high-priced sales were made. The poultry business in this county is increasing rapidly, and the association starts out with glowing prospects for the future. The officers—Mr. Burt Simms, President; H. M. Hunt, Vice-President; James Butler, Treasurer; James Baird Jones, Secretary, and W. T. White, Superintendent—handled things like old-timers, and propose to keep Rutherford County right to the front when it comes to good poultry. Judge R. E. Jones, of Paducah, Ky., made the awards.

ACME POULTRY SUPPLY CO.

MANUFACTURERS OF

ACME POULTRY FEEDS POULTRY SUPPLIES

Largest Concern of Its Kind in the South

SEND FOR PRICE LISTS

ACME POULTRY SUPPLY CO.
NASHVILLE, TENN.

Rose Comb Rhode Island Reds

S. C. BLACK ORPINGTONS
S. C. BROWN LEGHORNS

My pens are now mated for good results and good fertile eggs. Red Eggs, \$2.00 per 15, \$3.50 per 30, \$5.00 per 50, \$8.00 per 100. Only a limited number of settings of Orpingtons at \$3.00 per 15.

Some choice Leghorn pullets for sale at reasonable prices.

H. M. LAYCOCK,

R. R. No. 1, THOMPSON STA., TENN.

ANNUAL SALE RHODE ISLAND REDS

Booking orders now for October delivery of 2000 youngsters at \$7.50 per trio—orders filled in order received—one-third cash to accompany order when placed, balance when chickens are to be delivered. All birds are guaranteed, first class breeders and free from all disqualifications.

Olentangy Poultry Yds.

C. C. Reid, Mgr. DELAWARE, OHIO

SOMETHING TO GROW ABOUT

HEN-E-TA BONE-GRITS

WILL MAKE HENS LAY

WILL MAKE CHICKS GROW

ODORLESS

NO OTHER BONE NEEDED

NO OTHER GRIT NEEDED

NO MORE BONE CUTTERS NEEDED

100LB. BAG \$2.25 | 200LB. BAG \$4.00

ALSO SMALLER PACKAGES

BIG DISCOUNTS IN QUANTITIES

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NEWARK, N.J. DEPT. 6 FLEMINGTON, W.VA.

VALUABLE BOOKLET FREE

NOW, I'M A STAY-AT-HOME!

Poultry Fence

Close enough for Chickens—heavy and strong enough for Cattle. Costs less than netting. We pay the freight. Catalog free.

The Brown Fence & Wire Co.
Cleveland, Ohio

HOW TO GET MORE EGGS

Help your hens. Feed them fresh cut green bone and you'll get more eggs—you'll get eggs in winter when eggs are worth while.

The Standard Green Bone Cutter prepares bone right for feeding, quickly—easily. Prices \$8.00 and up; sold on guarantee—sent on trial. Write for catalog.

Standard Bone Cutter Co., Milford, Mass.

THE NEWEST STYLES IN SHIRT WAISTS

Our catalogue illustrates the handsomest garments ever shown at such astonishingly low prices. You will be distinctly impressed with the smart styles and excellent materials. Write for Catalogue "C" which also illustrates the latest styles in Waists, Skirts, Silk Suits, Lingerie Suits, Muslin Underwear and other wearing apparel for women.

United Manufacturers' Mail Order Co., Dept. B.
127 Front Street, NEW YORK.

Closing Out Sale

Not disgruntled, but on account of the press of other business and bad health I am forced to let my beauties go. Partridge, Silver Pencilled, Golden Buff Wyandottes; Buff Rocks and Light Brahmas; Bantams. Three Incubators and three Brooders. One Humphreys Bone Cutter. All must go. Send in your order quick.

Partridge Wyandotte Park
Burlington, N. C.

Va.-Tenn. Poultry Association

This association has reorganized with a strong financial backing and with new life and energy. They will hold a show December 10-13, 1907. Bristol is admirably situated for a poultry show, with the many lines of railroad converging at that point. Each year there has been an increase in the quality of birds and number shown. Judge R. L. Simmons, of Charlotte, N. C., will award the prizes. His qualifications are too well recognized to need comment. When he passes favorably on your birds you can feel assured they are good ones. Virginia is always strongly represented at this show. It's up to East Tennessee to show the F. F. V's. they have the goods too. Knoxville and vicinity should send a strong exhibit to this show. The turkey exhibit last year was great; such quality is a delight to see. We understand some of the birds won at Madison Square. With J. C. Adams, W. H. Cochran and W. D. Andes interested, it's bound to be a success. With their Langshans, White Leghorns, White and Buff Wyandottes, they form a strong nucleus for a great show. Enter your birds at Bristol; you will get a square deal, have a run for your money and receive a warm welcome from as fine a lot of gentlemen as it has been our good fortune to come in contact with. The Corno feeds will be used at this show. Catalogue will be ready November 1. Send in your name now for one to W. H. Cochran, Secy.

Missouri State Poultry Show

The greatest show and institute ever held in Central United States will be held at Sedalia, Mo., December 10-15, 1907. The Missouri State show pays the largest cash premiums paid at any show in the United States this year: On pens \$10, \$5 and \$2.50; single entries, \$5, \$3 and \$1.50. Four of America's best judges. Five thousand dollars in the treasury at the opening of the show to guarantee the payment of every obligation. An interesting feature will be the institute, free to those interested in raising poultry. Some of the leading poultry experts of this country will make demonstrations, and lecture on practical poultry topics. Every poultryman in this part of the United States should attend this institute and exhibit a few birds at this great show. A prize won here will greatly increase your sales and prove a most valuable advertisement. We mean business. We want your birds. A square deal insured every exhibitor from start to finish. A large list of specials is also offered. Several incubators, silver cups galore, \$10 to \$25 cockerels and eggs from the pens of America's foremost fanciers, gold and silver medals, club cups and specials, ribbons and badges, and many other valuable prizes. Two pairs of very fine birds, valued at \$50, given away absolutely free the last day of the show. Attend the show, if possible, and if not send your birds and they will be given the most careful attention. Write for a catalogue. T. E. QUISENBERRY, Secy., Slater, Mo.

Central Texas Show

The Central Texas Poultry and Pet Stock Association will hold their fourth annual show at Corsicana, December 11 to 14. This association is one of the strongest ever organized in this part of the state. It is the earnest request of every member to make the coming show one of the largest and best shows ever held in the southwest, and on a par with the large shows, both North and South. We have secured G. M. Knebel to place the awards, a man of national reputation. The association has funds enough to secure the payment of premiums promptly on last day of the show. This show will undoubtedly be the best event in the state, and breeders should make an effort to send a large exhibit as a winning here means something. All correspondence promptly answered by the assistant secretary, M. Smith, Corsicana, Texas, R. R. No. 1.

Miles' Utopia Strain

Oscar E. Miles, owner of Miles Poultry Farm, Columbus, Ohio, breeder of pedigreed B. P. Rocks and S. C. Rhode Island Reds, in renewing his contract for another year's advertising, says: "I expect to use a good deal of space this season, as I have found your paper brought me good returns this past season." Mr. Miles has the largest and best stock this season he has ever had, and will have hundreds of show birds that will give a good account of themselves in the largest shows this winter. He has shipped birds to all parts of the country; they have gone from the extreme South to Tacoma, Washington, and he thinks that the South is much more appreciative of strictly fine stock. We show on another page one of his prize winning pullets.

No Show for Mobile

The Mobile Poultry Breeders' Association will not hold their show in November as planned, nor at any other time this season; owing to the fact that we are unable to secure a suitable building. The city of Mobile has no available hall, and the growth of business is so great that there is not a vacant store to be had. The Mobile Association is not dead nor asleep; but simply forced to let a show go by this year. Watch for us next year. J. M. Sturtevant, Secretary.

The Nashville Show

The big Nashville show which will be held January 6-11, 1908, will eclipse anything of the kind ever attempted in this section of the country. The Tennessee State Poultry Breeders' Association is making arrangements to issue one of the most attractive premium lists for this show ever gotten out. It will contain much valuable information relative to the poultry industry in the state, especially Davidson County, and will be circulated over the entire United States.

Louisville Poultry Show

The Louisville Poultry and Pet Stock Association will hold its first annual show January 13 to 18, 1908. They have recently organized with a capital stock of \$2,000, and the following officers: E. W. Hoke, President; C. A. Hess, Vice-President; J. R. Milligan, Secretary; W. N. Blancagneil, Treasurer. D. M. Owen,



R. E. Jones and Frank Shaw will judge the fowls, and Geo. Ewald, the pigeons. A dog show will be held in connection, the judges of which will be named later.

Virginia State Poultry Show

The annual poultry and pet stock show of the Virginia Poultry Association will be held at Richmond December 5 to the 11th inclusive. Numerous special prices are offered, and the shows annually held by the association have all proven satisfactory to the exhibitors. They have never failed to pay out premiums in full, and the attendance is great. Prizes won at Richmond, which is undoubtedly the leading show of the South, prove a very good advertising card. Premium list will soon be ready, and can be obtained by addressing the Secretary, F. S. Bullington, Box 328, Richmond, Va.

A Good Show—A Square Deal

Liberal cash premiums, valuable specials, and a grand prize silver medal, at La Grange, Ind., January 6-11, 1908, for the best cockerel in the American, Asiatic, Mediterranean or English class, also a diploma for every first prize cockerel in the show offered by The American Poultry Association. Premium list ready December 1. Ira Ford, Secy.

Getting Winter Eggs

The season is now coming on, when poultry raisers begin to think about the probable egg crop they will get during the winter time, and

it is well to take time by the forelock in this matter and lay such plans as will assure one of getting the greatest number of eggs from the least number of hens and at the least cost. It is an admitted fact that it is the eggs that make the profit on the flock and it is the cost of egg-making foods that cuts down the profit. Then certainly any method which will save on the feed bill and at the same time increase the profits, is the one for the successful poultryman to follow out.

Thousands of flocks of pullets, or young laying hens, will begin laying between now and Christmas and the question which the progressive poultry raiser should consider is how he is going to manage his flock so it not only will pay for the feed the fowls eat, but make him some profit for his time and labor in caring for them. Yearling hens are now admitted to be the best layers, that is, they will lay on an average more eggs than two, three or four year old hens, and so it should be the aim of every poultryman to have a good flock of pullets every year. If the eggs used in hatching have been from healthy, thoroughbred stock you are assured of having strong, vigorous young stock and as they grow and come on to maturity the question is, which are going to be the best and profitable layers; and this is where a thorough system of selecting the best layers, and then proper feeding, brings paying results.

The Potter System is the only recognized system which teaches the poultryman how to make positive selections of his laying and non-laying hens and how to have a flock of hens that will lay the most eggs at the least cost. Some hens are very good layers; some are fair

layers; others are non-layers or drones, and so, in order to make it pay you well, you must cull your flock. The Potter System teaches you how.

So much in regard to selecting a flock of hens which are all good layers, and the next thing is to feed them so they will produce the greatest number of eggs, and this is where a thorough and systematic method of feeding comes into play. The Potter System of Scientific and Systematic Feeding covers every point in regard to proper feeding. This system teaches you how to hopper-feed your fowls successfully and how to save half on your feed bill. The cut below shows a Potter Perfection feed hopper in use. The fowls take to it readily and thrive better on this method of feeding than any other way.

The Potter System is in use by thousands of poultry raisers in every section of this country and in many foreign countries and is proving a great boon to poultrymen because it means the saving of dollars and a more scientific breeding of poultry. T. F. Potter & Co., Box 1, Downers Grove, Ill., are offering this valuable system to poultrymen and their large advertisements are seen in all the poultry papers.

It would also seem fitting to mention here the line of Poultry House Fixtures manufactured by this same firm. For years their goods have been on the market and are now recognized as the most complete, convenient and sanitary hennery equipment to be had. They issue a large 64-page catalog fully describing their goods. If you want to know more about this line of fixtures and also the selection of layers and feeding for winter eggs, do not fail to write them at the address given above.

SHOW DATES

It is our intention to publish dates selected as soon as we can learn them, and we would thank our readers to keep us informed as to dates, judges and secretaries, with their addresses. If errors are made please notify us.

Adrian, Mich.—Dec. 11 to 17, 1907. J. E. Holyoke, Secy.
Anadarko, Oklahoma—Jan. 15-18, 1908. M. S. Frite, Judge. John Pfaff, Jr., Secy.
Arcadia, La.—Oct. 1-14, 1907. W. P. Head, Secy.
Asheville, N. C.—Dec. 20, 1907. C. D. Campbell, Secy.
Atlanta, Ga.—Jan. 7-11, 1908. W. F. Reils, Secy.
Atlanta Poultry Association—Dec. 4 to 10, 1907.
Austin, Texas—Nov. 4-9, 1907. R. C. McClelland, Secy.; J. C. Skaggs, Judge.
Georgia State Fair, Atlanta, Ga., Poultry Show, Oct. 15 to 19, 1907. D. M. Owen, Athens, Tenn., and Loring Brown, Smyrna, Ga., Judges. Frank Weldon, Atlanta, Ga., Secy.
Augusta, Ga.—Nov. 4-9, 1907. J. W. Killingsworth, Secy.
Beaumont, Texas, East Texas Poultry and Pet Stock Association, Nov. 25-30, 1907. Ben C. Eastin, Secy.
Bentonville, Ark.—Dec. 11-15, 1907. W. C. Carney, Secy.
Birmingham, Ala.—Nov. 19 to 22, 1907. F. J. Marshall, Judge; Elwynn Ballard, Secy.
Bolivar, Mo.—December 24 to 27, 1907. R. J. Winn, Secy.
Bonham, Texas—Dec. 10 to 13, 1907. H. W. Blanks, Judge; W. T. Smith, Secy. and Treas.
Bristol, Tenn.—Va.-Tenn. Poultry Association, December 10-13, 1907. R. L. Simmons, Judge; W. H. Cochrane, Secy.
Canton, Ill., Dec. 31 to Jan. 4, 1908. W. C. Pierce, Judge; F. A. Bennett, Secy.
Charlotte, N. C.—Oct. 21-25. Mecklenburg Fair. R. L. Simmons, Judge.
Charlotte, N. C., Jan. 17 to 23, 1908. H. P. Schwab, Judge. W. B. Alexander, Secy.
Cherryvale, Kas., Dec. 23-28, 1907. J. O. Davis, Judge; Geo. Behner, Secy.
Chicago, Ill.—Jan. 23-30, 1908. Fred L. McKinney, 325 Dearborn St, Secy.
Cincinnati, Ohio—January 14 to 18, 1908. Julius Friedeborn, 139 W. Sixth St., Cincinnati, Secretary; Loring Brown, Geo. Ewald, Judges.
Circleville, Ohio—Ohio Branch American Poultry Association—February 10 to 14, 1908. Chas. E. Cram, Secy., Carey, O.
Clarksburg, W. Va.—Jan. 27-30, 1908. Chas. E. Cram, Judge; E. M. Wilson, Secy.
Cleveland, Ohio, Fancier's Club, Jan. 27, 1908. F. L. Gruchl, 9902 Woodland Ave. Sec.
Cleveland, Tenn.—Dec. 17-19, 1907. D. M. Owen, Judge; A. J. Lawson, Secy. and Treas.
Columbia, S. C.—South Carolina State Fair, October 28, 1907.
Columbia, Tenn.—Nov. 26-29, 1907. H. W. Blanks, Judge; R. S. Hopkins, Secy.
Corsicana, Texas—Dec. 11-14, 1907. G. M. Knebel, Judge; B. B. Simpkins, Secy.; M. Smith, Asst. Secy.
Cumberland, Md.—Oct. 1-4. Geo. E. Dencen, Secy.
Dallas, Texas—Oct. 19-23. R. A. Davis, Walter Burton, Judges; C. P. Van Winkle, Supt.; Sydney Smith, Secy.
Dallas, Texas—January 7 to 10. R. A. Davis, Farmersville; H. B. Savage, Belton; G. M. Knebel, Waco; W. S. Heaton, Ft. Worth, Judges; C. P. Van Winkle, Asst. Secy.
Deer Creek, Okla.—Nov. 25-29, 1907. M. S. Fite, Judge; C. C. Knepley, Secy.
Denton, Texas—Nov. 26-29, 1907. H. B. Savage, Judge; Claud Grant, Secy.
Durham, N. C.—Dec. 3 to 7. W. C. Denny, Judge; J. S. Jeffrey, Secy., W. Raleigh, N. C.
Flint, Mich., Sept. 17 to 20, 1907. Frank V. V. Swan, Secy.
El Reno, Okla.—Dec. 23-28, 1907. J. J. Atherton, Judge; L. G. Adams, Secy.
Enid, Okla.—Jan. 13-18, 1908. D. A. Stoner, O. P. Greer, Judges; I. J. Sherick, Secy.
Fort Worth, Texas—Dec. 3-6. H. B. Savage, R. E. Jones, R. A. Davis, Judges; N. B. Moore, Secy.
Fremont, Neb., Dec. 9 to 14, 1907. Frank Heck, Judge. O. K. Eckels, Secy.
Fresno, Cal., Dec. 11-14, 1907. George R. Andrews, Secretary.
Frostburg, Md.—Jan. 15-19. H. A. Emmel, Judge; W. D. Hanson, Secy.
Gainesville, Texas—Jan. 17-19, 1908. C. L. Pippin, Secy.
Georgetown, Ill.—Jan. 13-18, 1908. T. M. Campbell, Judge; H. O. Cook, Secy.
Gosport, Ind.—Jan. 21-25, 1908. T. M. Campbell, Judge; N. D. Lingle, Secy.
Greenfield, Tenn.—Jan. 21 to 24, 1908. R. E. Jones, Judge. W. H. Dolan, Secy. and Treas.
Greenville, S. C.—Dec. 10-14, 1907. S. T. Lea, Judge.

Guthrie, Okla.—Dec. 9-14, 1907. D. T. Heimlich, Judge; E. B. Henry, Secy.
Hagerstown, Md., Oct. 15, 1907.
Hennessey, Okla.—Dec. 17-21, 1907. J. J. Atherton, Judge; L. G. Adams, Secy.
Homer, La.—Oct. 23-26, 1907. Hulise Dillard, Secy.
Hillsboro, Texas—Dec. 18-20, 1907. W. G. Escott, Secy.
Houston, Texas—Nov. 4-9, 1907. Geo. M. Knebel, Judge; Robt. Black, Secy.
Indianapolis, Ind., Feb. 3 to 7, 1908. James A. Tucker, A. F. Kummer, O. L. McCord, S. B. Lane, Judges. Theodore Hewes, Secretary, Indianapolis, Ind.
Indianapolis, Ind.—Feb. 3-8, 1908. William Tobiu, Secretary.
Jamestown Exposition Poultry Show—Oct. 22, Nov. 1, 1907. John A. Murkin, Jr., Supt., Nashville, Tenn.
Jefferson City, Tenn.—Jefferson County Poultry Club. Dec. 12-14, 1907. D. M. Owen, Judge; L. C. Foust, Secy.
Kaufman, Texas—Dec. 26-28, 1907. Carl Peede, Secy.
Knoxville, Tenn.—East Tennessee Poultry Association. Jan. 7-11, 1908. D. M. Owen and Loring Brown, Judges; John T. Oates, Secy. and Treas.
La Grange, Ind., Poultry and Pet Stock Association, January 6 to 11, 1908. S. B. Johnston, Judge; Ira Ford, Secretary.
Lebanon, Ky.—Feb. 10-14, 1908. T. D. Heimlich, Judge.
Louisville, Ky.—Jan. 13-18, 1908. Poultry Judges D. M. Owen, R. E. Jones and Frank Shaw; Pigeons, Geo. Ewald.
Madison Square Garden, Dec. 17 to 21, 1907.
H. V. Crawford, Mt. Clair, N. J.
Marietta, Ga., Feb. 6 to 9. D. M. Owen and Loring Brown, Judges. Jno. P. Cheney, Secy., Marietta, Ga.
McKinney, Texas—Dec. 4-6. Savage, Judge; F. C. Thompson, Secy.
Mineral Point, Wis.—Jan. 7-11, 1908. T. M. Campbell, Judge; Allen Tucker, Secy.
Mobile, Ala., Nov. 26 to 29, 1907. J. M. Sturtevant, Kushla, Ala., Secy.
Monroe, La.—Dec. 11 to 13, 1907. H. B. Savage, Judge; C. E. Faulk, Secy.
Monroe Poultry Association, Monroe, N. C.—Jan. 7 to 10, 1908. Judges, Dr. T. S. Lea and H. E. Frymire; T. P. Dillon, Secy.
Morristown, Tenn., Sept. 25-27, 1907. D. M. Owen, Judge; H. L. Douglass, Secy.
Murfreesboro, Tenn.—Sept. 11 to 14, 1907. Ellis Rucker, Secy.
Nashville, Tenn.—Jan. 6-11, 1908. Jno. A. Murkin, Jr., Secy.
Greater Nashville Pet Stock and Poultry Association, Dec. 9 to 14, 1907. Thos. F. Rigg, Iowa Falls, Iowa; and Thos. S. Faulkner, Tiffin, Ohio, Judges. Fred Klooz, Secy.
New Castle, Pa., Lawrence County Poultry Show, Jan. 1, 2, 3, 4, 1908. Judge Denny; D. R. Bolland, Secretary.
Oakland, Cal., Dec. 2-8, 1907. C. G. Hinds, Secretary, Alameda, Cal.
Oelwein, Iowa, January 21-25, 1908. Chas. McClave, Judge; Dr. T. D. Miner, Secy.
Oklahoma City, Okla.—Jan. 20-25. Ira C. Keller, Judge; Jno. W. Niceley, Secy.
Onarga, Ill.—Nov. 26-30, 1907. T. M. Campbell, Judge; G. H. Townsend, Secy.
Owensville, Ind.—December 23-28, 1907. A. B. Shaner, Judge; Frank L. Riffert, Secy., Haubstadt, Ind.
Pierce City-Monette, Mo., Dec. 16-19, 1907. C. A. Emry, Judge; Thos. Catlen, Pierce City, Secy.

Pembroke, Ky.—Jan. 2-4, 1908. T. D. Heimlich, Judge.
Perry, Okla.—Jan. 13-18, 1908. Ira C. Keller, Judge; A. A. Maupin, Secy.
Peterboro, N. H., Jan. 7-10, 1908. E. M. Ramsey, Secretary.
Ponca City, Okla.—Jan. 6-11, 1908. M. S. Fite, Judge; E. M. Garner, Secy.
Pond Creek, Okla.—Nov. 28-30, 1907. C. A. Emery, Judge; J. A. Alderson, Secy.
Portsmouth, Ohio, Poultry and Pet Stock Show, Nov. 26-30, 1907. Nate T. Rickey, Secretary; F. Rigg, Judge.
Poynette, Wis.—Jan. 6-10, 1908. T. M. Campbell, Judge; G. J. Townsend, Secy.
Rantoul, Ill.—Champaign County Poultry Association, December 17-21, 1907. George A. Heyl, Judge; Glenn Robinson, Secy.-Treas.
Remington, Ind.—Dec. 30-Jan. 4, 1908. T. M. Campbell, Judge; F. L. Griffin, Secy.
Richmond Hill, L. I.—Nov. 19-22, 1907. Drevenstedt & Stanton, Judges; Robert Seaman, Secy., Jericho, N. Y.
Richmond, Va.—Oct. 7-12, 1907. Virginia State Fair Poultry Show. R. L. Simmons, Judge; S. S. Stansbury, Supt.
Rock Hill, S. C.—January 7-11, 1908. W. H. Brice, Secy.
Ruston, La.—Oct. 29-Nov. 1, 1907. S. L. Barksdale, Secy.
San Jose, Cal., Nov. 11-16, 1907. Charles R. Harker, Secretary, San Jose, Cal.
Sheridan, Ind.—Feb. 10-15, 1908. T. M. Campbell, Judge; John Pritch, Secy.
Shreveport, La.—Oct. 5-12, 1907. W. A. Mosby, Secy.; Davis, Judge.
Sylvan Springs, Ark.—Dec. 4-7, 1907. C. H. Rhodes, Judge.
Springfield, Mass.—Dec. 3 to 6, 1907. A. F. Pierce, Winchester, N. H.; A. C. Hawkins, Lancaster, Mass.; H. P. Schwab, Irondequoit, N. Y., and Lester Tompkins, Concord, Mass., Judges; W. R. Graves, Secy.
Tyler, Texas—Nov. 26-29, 1907. J. C. Skaggs, Judge; Perry T. Shamburger, Secy.
Weatherford, Texas—Dec. 17-20, 1907. D. M. Hart, Jr., Secy.
Webster Parish Fair Association—Mindon, La., October 15-18, 1907. C. Milner Ravens, Supt. Poultry Dept.
White Plains, N. Y.—Nov. 26 to 30, 1907. George W. Weed, W. J. Stanton and W. C. Denny, Judges; Frank W. Gaylor, Supt.
Waldron, Ark.—Nov. 18-20, 1907. C. A. Emery, Judge; J. F. Anderson, Secy.
Whitewright, Texas—Nov. 20-22, 1907. H. H. Davis, Secy.
Winston, N. C.—Oct. 8-11, 1907. Forsythe County Fair. R. L. Simmons, Judge.
Woodward, Okla.—Jan. 1-4, 1908. E. C. Branch, Judge; C. C. Hoag, Secy.

The Knoxville Daily Sentinel, \$3.00 a year, and THE INDUSTRIOUS HEN will be sent both one year to any address outside of Knoxville for \$3.

Missouri Poultry Show

Sedalia, Mo., Dec. 10-15, 1907

Largest Cash Premiums of any show in United States. Also large list of specials.

T. E. Quisenberry, Sec., - Slater, Mo.

BRISTOL POULTRY SHOW

BRISTOL, TENN.-VA., DECEMBER 10-13, 1907.

ROBERT L. SIMMONS, CHARLOTTE, N. C., JUDGE

Get your birds ready for one of the best Shows in Tennessee.

LIBERAL CASH PREMIUMS

Valuable specials and best of treatment.

Write W. H. Cochrane, Sec.-Treas., Bristol, Tenn.

For Catalogue, which will be ready November 1st.

"The Nearest Ideal Color I Have Ever Seen"

That is what one of the best Judges of "Browns" said of my prize hen, when a pullet.

Judge McClave scored her as a hen 95½. I have a few cockerels, half brother to her, same line breeding. Write for prices.

J. H. HENDERSON
THE BROWN LEGHORN SPECIALIST
KNOXVILLE, TENNESSEE



TOMPKINS' RHODE ISLAND REDS

Winners at Boston, Madison Square Garden, New York, Cincinnati, St. Louis World's Fair. A few winnings at Madison Square Garden, New York, 1907. Largest and strongest class ever exhibited there. In Single Combs: 1st and 2d pen; 1st and 3d cock; 1st, 2d, 3rd, 4th hen; 1st, 2d, 3rd, 5th cockerel; 4th, 5th, 6th pullet. In Rose Combs: 1st pen; 1st, 5th cock; 6th hen; 1, 2, 5 cockerel; 1, 2 pullet. Male and female specials in both of clubs. Six cups out of a possible eight.

LESTER TOMPKINS, CONCORD, MASS.

...RECORD BREAKERS...

R. C. BROWN AND S. C. WHITE LEGHORNS and S. C. BLACK MINORCAS.

I breed to lay. Have two hens that layed 253 eggs when pullets. My matings are made from my best layers. I challenge the world for better laying strains. Eggs and stock by the 100 or less lots. Write me for show record.

FRED AXLEY, R. 5, Sweetwater, Tenn.

RHODE ISLAND REDS ROSE AND SINGLE COMB

Largest Exclusive Breeders of Reds in the South

All birds standard bred, correct color, hardy and prolific. None but the best allowed to live. Send us your orders if you wish to start right. List of winnings, with matings for 1906 free.

Eggs from Prize Pens, \$2.00 per 15. Special Prize Matings, \$5.00 per 15

WEST DURHAM POULTRY FARM, WEST DURHAM, N. C.

S. C. R. I. Reds :- Indian Runner and Rouen Ducks

Beginning June 1 we shall offer some grand breeders at attractive prices. Females, 1 and 2 years old, \$1.50, \$2.00 to \$2.50. Males \$2.50 to \$5.00. Mated trios and pens at all prices. Also eggs and chicks. Write us your wants. Birds shipped on approval.

W. H. WITHERINGTON, Mgr.

WHITE BIRCH POULTRY FARM, Bridgewater, Mass.

How About Maturing Pullets—Your Pullets

Did you succeed last year in getting your pullets to laying in the fall? I can help you in this if you will let me. I have had hundreds of students the past two years in all the needs of poultrymen for practical help. These lessons have been printed in convenient form—handy, short—and are mailed in a single package for one dollar. Covers one year's work with chicks and hens.

DR. N. W. SANBORN, Box H, BELLINGHAM, MASSACHUSETTS

WARD'S SINGLE COMB RHODE ISLAND REDS

One thousand early hatched chicks from which to select. Utility, Breeding or Exhibition Stock. Write your wants and get prices. See circular.

LAKEMONT FARMS

C. FRED WARD, Prop. WINTER PARK, FLORIDA

Important

Many new advertisements, show announcements, etc., have been left out of this number of THE HEN on account of receiving them too late. We hold our forms open as long as we possibly can to accommodate our friends, but we must have a time to close, and that is the 25th of each month. Copy should be in by the 20th.

Columbia and Birmingham Open the Season of Poultry Shows

Columbia, Tenn., in Murray County, conceded the garden spot of the state, noted for its wealth and aristocracy, will hold its annual show November 26 to 29. Comparison judging. H. W. Blanks, of New Orleans, and the writer, have been engaged to place the awards. Liberal premiums are offered and paid immediately upon the placing of the ribbon. I trust all exhibits will be accompanied by owners or representatives. Columbia's hotel and railroad facilities are unequaled. A reception committee will meet all trains.

Write R. S. Hopkins, secretary, for catalog and entry blanks.

Preceding this, November 21-23, will be the great Birmingham show, pulled off by the Alabama Poultry and Pet Stock Association, the oldest and best association in the South. Birmingham as a poultry show stands on its past fifteen years' record, unbroken, something no other Southern association can claim. This will also be a comparison show, with the old veteran judge, F. J. Marshall, alone, to judge. When Marshall passes on a class of birds, that is evidence of its merits and stands without a kick or discord. The Birmingham show will be the eye-opener; a large hall has been secured, well and centrally located, and provided for ventilating and lighting. The writer has been engaged to superintend and have complete charge of the fair, and I shall make the effort of my life to put up the best and most systematically classified show that has ever yet been handled in the South. My sixteen years' experience in handling exhibition birds will be exhibited in handling this show. You may rest at home with the assurance that your birds are in good hands and will be returned in as good or better condition than when leaving you, and last, but not least, your exhibit will be placed as an advertisement. The variety, name and address of exhibitor will be prominently displayed as soon as awards are made, which will be completed the first day. I hope to meet all of my old Alabama friends as well as those from afar, and especially do we invite the press and representatives of poultry supplies and appliances.

Write Dr. E. Ballard, secretary, First National Bank Building, Birmingham, Ala.

Fraternally,
H. B. LANSDEN.

A few sample feathers from Indian Game pullets of John L. Jolly & Son, Anderson, S. C., have been received at this office. They are pretty enough for any lady to want them for millinery decorations.

TOO LATE TO CLASSIFY

BARGAINS in thoroughbred Beagle Hounds, Buff Orpington, Indian and Pit Game chickens. Eggs \$2.00 to \$5.00 setting. John L. Jolly & Son, Anderson, S. C. 46

LASLEY'S High Class Imported Anconas. Greatest egg producer on earth. Have taken all first premiums at the N. C. shows up to date. Cooke's strain of S. C. Buff Orpingtons, stock bought direct. Have a very large stock of White Rocks to offer, sired by Madison Square prize winners. Eggs for sale in season. Jas. H. Lasley, Medane, N. C. 41

...FAUST'S BUFF LEGHORNS...

ARE RIBBON PULLERS.

Cockerel in breeding scores 95½. Pullets and hens, from 93 to 95½ points.

EGGS \$2.00 PER FIFTEEN

L. C. FAUST, NEW MARKET, TENN.

WYANDOTTES

White and Buff

Stock and Eggs for sale at all times. Satisfaction guaranteed. The golden rule our motto.

M. D. ANDES
Bristol, Tenn.

Ohio Branch Dates Changed

The Ohio Branch at a meeting held September 5, at the Ohio State Fair Grounds, decided to change the dates of their first show to the week of February 10th, 1908, which will come between Indianapolis and Pittsburgh and make a good circuit, and will have a good list of specials, both cash and merchandise and cups, also the five American Poultry Association specials, valued at \$100.00. Columbus is a good town, with good railroad facilities, and one of the best interurban centers in the country, which will not only assure exhibitors good express service, but a good attendance. Empire coops will be used and the judges will be announced later, on account of change of dates. Our premium lists will be out in good time. The Ohio Branch handed in fourteen new members at the Niagara Falls meeting, and has six more now for the meeting of the association in Cleveland on November 4th, and we will try and make it twenty by that date. We have the timber and we will get the members. This increase, together with the sixty old members we now have, will give us one of the strongest branches in the parent body. Either write to Chas. E. Cram, Secy., Carey, Ohio, or G. R. Haswell, president, Circleville, Ohio.

For Sale

The following articles, recently used at our poultry plant, are for sale, cheap for cash. We offer here some rare bargains, and the prices named are on the farm near this city, but we will attend to shipping without any charge, allowing charges for boxing and drayage to follow freight, which will be nominal. You had better write us what you want at once. Address L. B. AUDIGIER, 617 Gay Street, Knoxville, Tennessee.

	Cost price each	Our price each
8 5x11 Colony houses, open shed	\$15.00	\$7.50
18 Portable wire frames, 3x10 ft. for pens	1.00	.50
4 6x12 Colony houses, open front.	18.00	8.00
2 Coops	.75	.25
4 3x3 ft. Colony chick houses	2.50	1.50
2 4x6 ft. Colony chick houses	3.00	1.50
9 Wall feed pans	.75	.25
13 Mash troughs	.50	.25
25 Trap nests	1.00	.25
1 Family spring scale	1.50	1.00
3 Peep-O'-Day, indoor brooders	8.75	6.00
1 Peep-O'-Day outdoor brooder	12.00	8.00
3 Hoffman, indoor brooders	5.00	1.50
1 360 egg Reliable Incubator	30.00	15.00
1 No. 12 Mann Bone Cutter	30.00	25.00
5 Cyphers Drinking Pans	.40	.25
5 Conkey's Iron Fountains	.40	.25
1 roll 3 ft. 1 1/4 in. Mesh Wire	1.00	
3 Three-Gallon Buckets	.25	.15
1 Broom	.25	.10
85 Grain Sacks	.02	
5 boxes Conkey's Roup Cure	.50	.25
6 boxes Conkey's Gape Cure	.50	.25
1 box Conkey's Lice Powder	1.00	.50
50 boxes Summer's Lice Powder	.25	.15
1 3-4 gallons Choro Naphtholeum	2.50	1.50
1 set Patent Roosts	7.50	2.50
1500 feet Poultry Wire, Elwood 6 ft. high, 4500 feet barb wire several thousand feet 2-inch mesh, gates, etc., cost about	75.00	25.00
1 Pit Bull Terrier Pup, one year old		20.00
1 Pit Bull Terrier (no dog better for guarding chickens)		25.00
1 Egg Case (home-made)	3.00	1.00
1 Lenox Sprayer	3.00	1.50

ARE YOU GOING WEST?

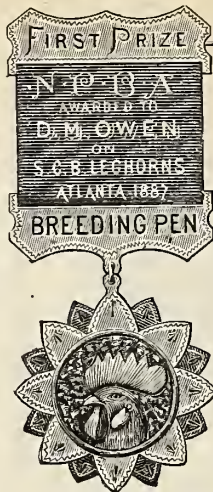
QUICKEST ROUTE TO DALLAS
AND NORTHERN TEXAS POINTS.

TEXAS

15 Hours Quickest Time
To SOUTHERN TEXAS POINTS.
QUEEN & CRESCENT ROUTE.

FOR PARTICULARS ADDRESS

S. G. VanOstrand, T.P.A.
529 Gay St. Knoxville, Tenn.



1884

1907

D. M. OWEN

Athens, Tenn.

Originator and Breeder of Owen Strain of

S. C. Brown Leghorns

The best colored female strain in America. For 20 years the leading prize-winners of the South at the largest shows in hottest competition. They lead all others in number of prizes won



IF YOU WANT TO

RAISE PRIZE WINNERS

Get Eggs from my Pullet and Cockerel matings

WALKER'S

BARRED ROCKS and WHITE WYANDOTTES

WIN WHEREVER SHOWN

Winning first honors at Knoxville, Sweetwater and Madisonville, Tenn.

Our birds are farm-raised. Send us your order and start right
Eggs \$1.00 per 15 balance of season.

WALKER BROS., R. 1, MADISONVILLE, TENN.

PAXTON'S WHITE WYANDOTTES

EGGS. EGGS. EGGS.

Pen 1. Headed by "John D," score 94½; six Pullets, scoring 94 to 95½, including "Lady D," true Wyandotte, best shaped pullet in the South. EGGS, this Pen, \$2.50 per 15.

Pen 2. Good UTILITY STOCK. EGGS, this pen, \$1.00 per 15. Send me your order. I'll treat you right.

A. J. PAXTON, Jr.

INDIANOLA, MISS.

WHITE ROCK POULTRY YDS.

L. A. DICK, Proprietor

W. P. ROCKS and S. C. BUFF LEGHORNS

YOUNG AND OLD STOCK FOR SALE

L. A. DICK, - - NEW MARKET, TENN.

1894

AUSTIN STRAIN

1907

I make a Specialty of **LANGSHANS** Bred Right, Fed Right

To Produce Best Results

Have bred them for fourteen years; won all first, second and third prizes on young stock at Knoxville and at Bristol last winter, and a good share of premiums at the Knoxville Show, December 11-14, 1906. ~~87~~ Select Eggs \$3.00 and \$5.00 per setting of fifteen. Show birds a specialty; 300 fine ones to select from.

H. C. AUSTIN, 307 Payne Ave., KNOXVILLE, TENN.

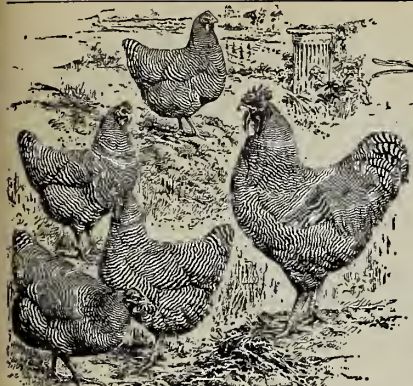
SEND HOPE'S FREE CATALOGUE — FOR OF HOLIDAY JEWELRY

Profusely illustrated, showing the newest and richest creations in Gold, Gem-Set and Tennessee Pearl Jewelry, Watches, Cut Glass, Sterling Silver and other fine gift wares. It's free on request. Hundreds of persons throughout the South satisfactorily deal with us, and we want YOU to be one of our patrons.

Wedding Invitations richly engraved in our own plant.

Send us your Fine Watches to be repaired.

HOPE BROS. JEWELERS, 519 Gay Street KNOXVILLE, TENNESSEE



200 GROWING YOUNGSTERS "RINGLET" B. P. ROCKS

EXCLUSIVELY
E. B. THOMPSON'S CELEBRATED STRAIN
Bred for Quality, Not Quantity

Unexcelled in Laying Qualities, Size, Vigor and Beauty. Sons and daughters of my prize winner "Crackerjack" at last season's Richmond Poultry Show, weight 12 pounds. I have the prettiest lot of cockerels and pullets, both for the show room and breeding purposes, that I can sell you at reasonable prices, considering their superior quality. Write me what you want and I can please you. Satisfaction guaranteed. Address

LESLIE H. McCUE
Box No. 3 AFTON, VIRGINIA

PARRISH'S Light Brahmas ... and ... Columbian Wyandottes

Write for Catalogue

T. REID PARRISH

NASHVILLE, - TENNESSEE



S. C. BROWN LEGHORNS

Leading Winners at Virginia State Fair and Richmond Show

Cockerels sired by my winners at bargain prices for next thirty days—the grandest lot of Aristocrats I have ever seen.

ORDER NOW IF YOU WANT THE BEST
STRAWBERRY HILL POULTRY YARDS
Box 287, RICHMOND, VA.

Member American Leghorn Club.

Member Virginia Poultry Association

GILVO POULTRY FARM'S CLEARANCE SALE

We must have room for our youngsters, and to make room we offer our entire flock of this year's grand breeders in B. P. Rocks, Rose and S. C. Brown and S. C. Buff Leghorns at half price. Eggs balance of season at \$1 for 15. Write for prices. on stock.

F. E. BALLARD, Prop.,

GILVO, LEE COUNTY, MISSISSIPPI

FOGG'S S. C. WHITE LEGHORNS ARE THE KIND YOU WANT.

WHAT ABOUT YOUR SHOW BIRDS FOR THE FALL & WINTER SHOWS?

I Sell the Kind that Win. My Prices are Right, too.

THOUSANDS OF YOUNG BIRDS GROWING NOW.

Several hundred head of yearling hens, fine breeders and show birds, at right prices. I can please you in breeders, show birds and layers, any age. Safe delivery and satisfaction guaranteed. Long distance shipments a specialty. Correspondence solicited. Send for my illustrated catalogue telling all about them. It is free. Do it now.

N. V. FOGG, MT. STERLING, KY.

Poultry at Maury County Fair

As an evidence of the great interest in poultry taken by the Maury County people we have only to call attention to the county fair at Columbia, where the poultry department was one of the features.

Nearly all the popular breeds were represented, the quality was above par, and some of the contests were very close. W. H. Puryear, assisted by Spence McFall, handled the show in approved style. Judge R. E. Jones, of Paducah, Tenn., placed the ribbons, his work was satisfactory in every respect, though many contests were close and exciting.

POULTRY AWARDS.

Barred Plymouth Rocks—W. H. Thompson, Columbia, 1, 2, 3 ckl., 2 ck., 1, 2, 3 hen, 3 pul., 1 pen; G. C. Parks, Columbia, 3 pen; J. C. Parks, Columbia, 1 ck., 1, 2 pul., 2 pen.

White Plymouth Rocks—Porter Bros., Columbia, Tenn., 1, 2 ckl., 1, 2 hen, 1, 2, 3 pul., 1, 2 pens.

Single Comb Rhode Island Reds—W. M. Butler, Carter's Creek, 2 ck., 3 ckl., 1, 2, hen, 2 pen; Bert L. Sims, Murfreesboro, 1 ckl., 1, 2, 3 pul., 1 pen; W. H. Shotts, Columbia, 3 ck.; Dr. A. G. Dinwiddie, Columbia, 2 ckl.; Ashby Wilkins, Columbia, 3 hen, 1 ck., 3 pen.

Buff Wyandottes—A. W. Warfield, Columbia, 1, 2 ckl., 1, 2 pul.

White Wyandottes—Mrs. W. T. Richardson, Columbia, 1 ck., 2, 3 hen; Dr. A. G. Dinwiddie, Columbia, 1, 2, 3 ckl., 1 hen, 1, 2, 3 pul., 1, 2 pens.

Single Comb Buff Orpingtons—W. H. Puryear, Glendale, 1, 2 pul., 2 ckl., 1, 2, 3 hen, 1 ck., 1, 2 pen; L. B. McLain, Columbia, 1 ckl., 3 pul.; J. W. Thompson, Columbia, 3 ckl.

Single Comb White Leghorns—R. S. Hopkins, Columbia, 1, 2 ckl., 1, 2, 3 pul., 1, 2, 3 hen, 1 ck., 1, 2 pen.

Single Comb Buff Leghorns—E. L. Wilson, Columbia, 1, 2 ck., 1, 2 ckl., 1, 2, 3 hen, 1, 2, 3 pul., 1 pen.

Single Comb White Orpingtons—W. H. Puryear, Glendale, 1 ckl., 1 pul., 2 pul., 1 hen, 1 ck., 1 pen.

Partridge Wyandottes—H. A. Webster, Columbia, 1, 2 pul., 1 ckl., 1 hen, 1 pen.

Games—D. S. Hancock, Glendale, best display; Oscar Chaffin, Columbia, second best display.

White Holland Turkeys—W. H. Thompson, Columbia, 1 tom, 1 hen; A. W. Warfield, Columbia, 3 hen, 3 ck.; Mrs. John P. McGaw, 2 ck., 2 hen.

Bronze Turkeys—Mrs. F. J. Ewing, Columbia, 1 ck., 1 hen; Mrs. J. C. Taylor, Columbia, 2 ck., 2 hen.

Bourbon Red Turkeys—T. E. Jamison, Carter's Creek, 1 ck., 1 hen.

Pekin Ducks—W. H. Puryear, Glendale, 1 trio; Looney Walker, Columbia, 2 trio; Mrs. F. J. Ewing, Columbia, 3 trio.

Indian Runner Ducks—M. L. Nellums, Spring Hill, 1 trio; R. S. Hopkins, Columbia, 2 trio.

Columbian Wyandottes

Aug. D. Arnold, Dillsburg, Pa., renews his advertising contract for another year in THE INDUSTRIOUS HEN. Mr. Arnold breeds nothing but high class Wyandottes and is a first winner at St. Louis World's Fair and Madison Square. The Columbian Wyandotte is quite popular in the South and prospective purchasers should write Mr. Arnold. He will give you a fair deal.

S. C. Rhode Island Reds

(DeCraff Blood)

A few Cockerels for sale

Eggs for hatching after January 15.

E. E. ELLSWORTH, Johnson City, Tenn.

HALL MARK'S S. C. Brown Leghorns ARE WINNERS

They won at Birmingham, Ala., December 5-10, 1906: First pen, first pullet, first cockerel; also special for best cockerel, best pullet and best pen. I am making special prices on this year's breeders to make room for young stock.

EGGS \$1 FOR 15 FOR REST OF SEASON

J. F. HALL MARK
Route 4 ONEONTA, ALA.

Jeanerette, La., Poultry Show

The following is from our representative:
It is very gratifying to note the success of the Jeanerette, La., poultry show. But a short time ago nine-tenths of the visitors of the Jeanerette fair couldn't think of the word "chicken" without a vision of the barn-yard and dunghill. Today, as a result of the untiring energy of the association, they have witnessed an aggregation of thoroughbreds worthy of any state fair in the South. That the visitors appreciated it, was best shown by the large crowds constantly present in the poultry department.

The cooping was excellent and all the details had been so carefully attended to, that all the exhibitors were unanimous in their praise of the fair association and their hustling President, Mr. C. L. Monnot.

Judge H. W. Blanks, of the H. W. Blanks Poultry Supply Co. of New Orleans, was there with a blue ribbon display of pet stock, incubators and poultry feeds. Needless to say, THE HEN was there, and was very popular.

Maurice J. Gelpi in *The New Orleans Picayune* in report of the fair, says:

"The Poultry Department received special attention. This department is under the direct supervision of President C. L. Monnot, ably assisted by Mr. Maurice Gelpi. All the birds in this department have been handled and cooped by Mr. Monnot, and his close attention to details has been appreciated by the exhibitors, who all expressed themselves as more than pleased with the fair, genial and cordial treatment accorded them by the officers of the fair.

"H. W. Blanks, of the H. W. Blanks Poultry Supply Company, of New Orleans, was selected as judge."

THE HEN had a booth at the fair and was ably represented by Dr. Louis J. Gelpi and Mr. Maurice J. Gelpi, the hustling proprietors of The Waveland Poultry Farm, Waveland, Miss. These gentlemen won with their White Wyandottes, 1, 2, 3 ckl., 1, 2, 3 pul., and 1, 2 pen; special for highest scoring male and highest scoring female, and silver cup donated by H. W. Blanks & Co., of New Orleans, La., for best display of White Wyandottes. These prizes were all won with birds of their own raising, for which they deserve special credit. These young men will be heard from at other Southern shows.

Speaking of the Nashville State Fair show, I want to say that the South may feel proud of an exhibit that outnumbers many of the much older fairs and in quality equal to any of them. The second event was a surprise to the Fair Association as well as the many breeders and visitors at the fair; it was the feature of the entire stock exhibits and more people visited the poultry hall than any other exhibit on the grounds. Tennessee is the center of thoroughbred poultry of the South and Mr. Murkin, the able superintendent, deserves the congratulations of the breeders in the way he handled the great number of birds. Every ribbon was up the opening day and the books complete before he left the hall that night and a full and complete list of awards were in the next day's papers.

There is no reason why we can't make the South the greatest poultry producing section in the United States. Let every breeder of poultry wake up to the great demand and if he or she are not now breeders of pure bred poultry, put in a good breed and get in the great line that is already formed.

Nashville show has proven, beyond a doubt, that the big breeders are taking a great interest in it by their presence there and the strong classes they had to compete against; it was a great show and something better is expected at the coming January show.

R. E. JONES, Nashville, Tenn.

Young Man Wanted

A position is open for a young man in a Chicago Poultry Supply house as poultry food correspondent. One who is energetic and willing may find something to his benefit if he will address INDUSTRIOUS HEN, Knoxville, Tenn.

WE WANT NAMES

We want you to send us the names and addresses of from ten to twenty-five persons living in the United States, each one having twenty-five hens or more. You can send us the names from any number of different post offices. If you will send us these names we will send you TWO BEAUTIFUL PICTURES FREE. These pictures are reproductions of the most celebrated paintings in the world, and they are of high quality, and we know that you will be pleased and delighted with them; no pictures will be given for a list of less than ten names.

We want to send a free sample copy of a special issue of THE HOME MONTHLY (The National Poultry Journal) to a lot of poultry raisers who are not now taking our paper, and for that reason we want these names.

Send us immediately a list of at least ten poultry raisers and we will mail you, postpaid, ABSOLUTELY FREE, TWO REPRODUCTIONS OF THE WORLD'S FAMOUS PICTURES. Address, THE HOME MONTHLY, 637 W. 43d Street, New York, N. Y.

SHARP, CLEAN, HARD, WHITE



Just the requisites for an ideal grit. Sharp—for grinding horny food and for exciting a natural flow of gastric juice in the gizzard. Clean—not mixed with trash that adds weight and expense. White—easily seen in the litter by chicks and hens. Hard—preserves its grinding edges till absorbed in gizzard. That's what PEARL GRIT is—and more. Its ingredients are just fitted to build up chicks and hens' egg-organs, muscles and circulation:—Lime for egg-shell and bones; Silicon—for feathers; Sulphur for yolk; Iron for blood, etc. But we can't tell you here all about its economy and value. We have done so in "True Grit"—a free booklet that's yours if you'll write for it. It's full of good "points" for poultry-raisers. Write today.



THE OHIO MARBLE COMPANY,
No. Wayne St., Box 225, Piqua, Ohio



WHITCOMB FARM

(INCORPORATED)

Box 203, Riverside, R. I.

WARREN R. FALES

The Largest Breeder of

BARRED PLYMOUTH ROCKS

IN THE UNITED STATES.

Now is the time to engage your Barred Plymouth Rock Pullets for fall and winter eggs.

BEST OF UTILITY STOCK \$1.50 APIECE

F. O. B. RIVERSIDE, R. I.

April and May hatched chickens. Orders will be filled in rotation. First come, first served.

BRED TO LAY AND WIN AND DO IT

WILBER'S SINGLE COMB WHITE LEGHORNS

THE WORLD'S BEST

Hundreds of very choice breeding and exhibition cockerels, pullets and hens, from our noted winners at Knoxville, Nashville and Chattanooga, Tenn.; Atlanta, Ga.; Louisville, Ky.; Charlotte, N. C.; Charleston, S. C.; Birmingham, Ala., and Cincinnati, Ohio. Cockerels that will improve the laying qualities of your flock. 50 cockerels and 100 pullets from Bob White matings—the hens that lay an average of 230 eggs in one year. Write your wants. A handsome catalogue free. Satisfaction guaranteed.

WILBER BROTHERS, Box C, PETROS, TENN.

THE WHITE LEGHORN MEN

? Do You Need Any Printing ?

If so, write for samples and prices to

THE INDUSTRIOUS HEN, Knoxville, Tenn.

LANGFORD'S RHODE ISLAND REDS

Won more regular and special prizes and silver cups than all competitors combined at Tennessee State Fair; Charleston, S. C.; Nashville, 1907, and also 1906, Columbia, Atlanta, etc.

FIFTY RED HENS FOR SALE. Some Grand Cocks and Cockerels at Reasonable Prices

FRANK LANGFORD, NASHVILLE, TENN.

ROUTE 10

CATALOG FREE



No. 6; Score 93, Egg Record 197.

BLUE BLOOD
Winners.

HARD TO BEAT

LARGE PRODUCTION
Layers.

BAYNE'S EGG RECORD STRAIN OF WHITE WYANDOTTES

With fowls having an average egg record of 198 eggs in a year, I won this season at Knoxville, December, 1906, 1st hen, 3d cock, 2d pen, highest scoring W. W., and had best shaped male. At Bristol, Va., January, 1907, 1st, 2nd cock; 1st cockerel; 1st, 2nd, 3rd, 4th hen; 1st, 3d pen; best shaped male, and silver cup for largest winning display of 10 or more birds in American class. My fowls have vigor, health and hardiness; raised on free range—forty acres. Breeds, show or business birds on sale. Eggs \$2 for 15; \$3.50 for 30; \$4.50 for 50; \$8 for 100.



Cup Won at Bristol Show.

T. L. BAYNE, RUSSELLVILLE, TENN.

JAMESTOWN POULTRY SHOW

Jamestown Exposition, Norfolk, Virginia

October 22nd to November 1st, 1907

Officially Recognized by the American Poultry Association

Great Congress of Poultrymen.

Big Poultry Institute.

Greatest Poultry Exhibition of the Age.

Premium List and Entry Blanks now ready. Don't miss this show

JNO. A. MURKIN, Jr., Supt. THEO. HEWES, Asst. Supt.
NASHVILLE, TENN. INDIANAPOLIS, IND.

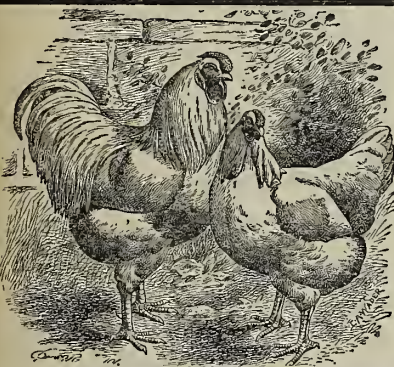
SANITARY POULTRY YARDS
"FAMOUS" WHITE WYANDOTTES

Foundation stock of the noted strains of A. G. Duston, J. C. Fishel & Son, Jno. W. Boswell, Jr. and Dr. Bricault. From these I have built up by the Trap-Nest Individual record system, using nothing in breeding but the best, what I am pleased to call the

FAMOUS STRAIN

I breed for merit and sell on honor a strain of heavy layers. They are snow white, prolific and strong—the best all purpose fowls. Eggs from Pen No. 1, Select prize winning, \$3.00; Pen No. 2, Choice matings, \$2.00; General Utility Pens, \$1.50 for 15.

W.T. ROBERTS, Gurley, Ala.
Member National White Wyandotte Club



Single Comb Rhode Island Reds

WINNERS at Nashville, Tenn., Birmingham, Ala., The Great Barnum Show, Charleston, S. C., and the Great South and East Texas Shows, Houston and Marshall, Texas.

Show Birds and Fancy Breeders for Sale Now

After June 1st all Eggs at Half Price. Circular mailed free. Write me your wants.

L. K. Terrell, = = Birmingham, Ala.

RED COAT STRAIN

ROSE COMB AND SINGLE COMB RHODE ISLAND REDS
LINE BRED FOR ELEVEN YEARS. THE STRAIN WITH A RECORD

Eggs \$2 per setting; three settings \$5. Limited number settings at \$5 from special prize matings

C. & H. P. WADSWORTH, - Box 112, RIDGEWOOD, N. J.

Morristown Fair Just Closed

The Morristown Fair, just closed, was a success as to management, attendance and exhibits in all classes. The following is a list of premiums won in the poultry class:

Barred Plymouth Rocks—Mrs. Fannie Jones, Russellville, 1 ckl.; H. A. Gloscoe, Morristown, 1, 2 pul.

White Rocks—Mrs. Jno. R. Jarnagin, Tate Spring, 1 ckl., 1 hen; L. A. Dick, New Market, 2 hen, 1 pen.

White Wyandotte—T. L. Bayne, Russellville, 1 hen, 1 pul., 2 ckl., 2 pul., 1 pen; Mrs. Jno. R. Jarnagin, 1 ckl., 2 hen; Miss Cassie Rogan, Russellville, 1 ckl.

S. C. White Leghorns—J. A. Dinwiddie, New Market, 1 ckl., 1, 2 pul., 1 pen.

S. C. Buff Leghorns—L. A. Dick, 1 ckl., 1, 2 pul., 1 pen.

Buff Orpingtons—Mrs. George Miller, Russellville, 1 ckl., 1 hen, 2 pen; R. B. Bewley, Russellville, 2 ckl., 1, 2 pul.

Black Minorcas—Mrs. George Miller, 1 ckl., 1, 2 hen.

S. C. R. I. Red—J. A. Dinwiddie, 1 ckl., 1, 2 pul., 1 pen; S. W. Felknor, Morristown, 2 ckl.

R. C. Brown Leghorns—Mrs. Jno. R. Jarnagin, 1, 2 pul.

Bronze Turkeys—Mrs. Jno. R. Jarnagin, 1 ckl., 1 hen.

SPECIAL PRIZES.

T. L. Bayne, \$5.00 for best exhibit any breed, also Silver Loving Cup for best exhibit American class.

J. A. Dinwiddie, silver cup for best exhibit in Mediterranean class.

T. L. Bayne, highest scoring bird in American class, \$1.00.

J. A. Dinwiddie, highest scoring bird in Mediterranean class, \$1.00.

J. S. Ford, best dozen white eggs, \$1.00.

Mrs. George Miller, best dozen brown eggs, \$1.00.

D. M. Owen, of Athens, judge.

Premium List Jamestown Poultry Show

Supt. Jno. A. Murkin, Jr., is mailing to parties interested the above premium list. This great show will be held in convention hall, October 22 to November 1, 1907, and will bring together the largest and best number of birds seen in this country in many a day. Every breeder and lover of fancy fowls should avail himself of the opportunity presented at this grand exhibition. Send to Secretary Murkin, Jamestown Exposition, Norfolk, Va., for catalogue.

"What foul conspiracy is hatched here?" said the hen, as she moved from off of the bad eggs in her nest.

ANNOUNCEMENT

✓ Capt. Jno. W. Morton is a candidate for re-election to the office of Secretary of State.

COLUMBIAN WYANDOTTES

AND S. C. BROWN LEGHORNS

WINNERS

Wherever Shown.

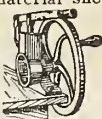
STURTEVANT BROS., Box 201, KUSHLA, ALA.

LOCOMOTOR ATAXIA

AND PARALYSIS CONQUERED AT LAST BY
DR. CHASE'S BLOOD AND NERVE FOOD.
Write me about your case. Advice and proof of cures
FREE. DR. CHASE, 224 N. 10th St., PHILADELPHIA, PA.

EGG MAKING

is a hen's natural work. Cut bones is the raw material she needs to make her egg. A CROWN BONE CUTTER will prepare the food from scrap bones quickly, easily. Write for catalog - tells about the Crown. Wilson Bros., Box 646, Easton, Pa.



Save Your Chickens from Cholera

BY USING

Graham's Chicken Cholera Cure

Is a positive Cure and Preventive of Chicken Cholera; an excellent Tonic and Medicine for Chickens. Every poultry raiser should keep a package on hand. Price 25c per package; if by mail, 35c postpaid. 5 pkgs. for \$1 by express not prepaid.


Manufactured and Sold by

AMZI-GODDEN SEED CO.

Birmingham, Ala.

Write for our complete poultry supply catalogue

Graham's
Chicken
Cholera
Cure



Mother Hen Brooder

The only Adjustable Suspension Brooder made. Heated by warm water. Temperature always uniform. Warm water tank above chicks with loose flannel covering underneath under which the chicks hover just as with the hen. Warmth applied FROM ABOVE and chicks cannot crowd. No heat below to burn their feet. No steps or bridge to climb. No lamp fumes or burnt air to breathe. Lamp above chicks and has safety smokeless burner. Can be adjusted in height as chicks grow. Shipped on 15 days trial. SEND FOR CATALOG

Automatic Hatching Co., 39 State St., Detroit, Mich.
Mfrs. of the only Non-freezing Poultry Fountain.

SILVER LACED WYANDOTTES



Hatchable eggs from strong, vigorous, beautiful, fully marked Silver Laced Wyandottes. Well mated, well cared for. Selected Eggs from Pens Headed by Prize Winners, \$2 for Thirteen. A few Cockers and Pullets for sale cheap.

J. A. MUECKE, Jr., Kingston, Tenn.

See Our Catalogue

Before getting your Incubator, Brooder, Feeds, or Poultry Supplies

WRITE TO

STANDARD POULTRY SUPPLY CO.

2630 JACKSON AVE.

NEW ORLEANS, - LOUISIANA

WORLD FAMED NATIONALS

Eggs at half price now from the best blood in America. Winners at the largest shows on the continent. B. P. Rocks, White Wyandottes and Bronze Turkeys. Write for free 8 page circular

S. B. JOHNSON

Expert Judge Route 4 FAIRLAND, IND.

BRIEF MENTION

Some free range, laying strain S. C. W. Leghorns are offered for sale by the Speedwell Poultry Farm, Salem, Va. See their ad.

The Missouri Circuit Poultry Association will hold their annual show at Bolivar, Mo., December 24 to 27, 1907. R. J. Winn, Secy.

See the ad. of the Arcadia Nurseries, Monticello, Fla. These nurseries make a specialty of pecan trees, and fruits and ornamental trees.

S. C. Rhode Island Reds can be had from W. Oscar Orr, Roanoke, Ala. He says his foundation stock is from the best in this country. See ad.

Mrs. W. S. Porter will move from Petersburg to Nashville about October 15, where she will continue to breed her prize winning S. C. Black Minorcas.

At the Bedford County Farmers' Institute meeting, Shelbyville, Tenn., September 18, Hon. John Thompson, Commissioner of Agriculture, was present, and Holcombe Roberson spoke on poultry.

The Wabash Poultry Association will hold its twenty-first annual poultry show at Owensville, Ind., December 23 to 28, 1907, A. B. Shaner, judge, and Frank L. Riffert, Secy., Haubstadt, Ind.

The Strawberry Hill Poultry Yards, Richmond, Va., is advertising a grand lot of S. C. Brown Leghorn aristocrats. They were winners at the Virginia State Fair and Richmond show. See ad. elsewhere.

Attention is called to the ad. of Mrs. C. S. Jones, Columbus, Miss., who is offering eggs of S. L. Wyandottes and S. C. White Leghorns. She has some birds that scored 96 points and guarantees the fertility.

E. L. Doak, of Nashville, judged the poultry show at Shelbyville, Tenn. He had a class of over 250 birds and gave universal satisfaction. We are glad to see him in line; he has the capacity and intelligence and the South needs the services of just such men.

At the late Ohio State Fair, M. J. Nash, Jackson Center, Ohio, won 1st R. C. ckl., 1 S. C. ckl., and 1 S. C. pul., (no pen classes) showing against ten other exhibitors. Mr. Nash has disposed of all his other varieties except the Reds, and in the future will breed them exclusively.

Peter S. Hurt, Thorntown, Ind., writes that at the State Fair he won 1, 2 ck., 1, 3 hen, 1 ckl., 2 pul. and 2 pen on his S. C. Buff Leghorns, in one of the hottest classes he was ever in. He made nine entries and won seven premiums, more than any other exhibitor in class. Hurrah for Peter!

Poultry breeders around Onarga, Ill., are very enthusiastic over their coming show in November, and have elected the following officers: J. S. Williams, president; C. E. Carter, vice-president; P. J. Hicks, superintendent; G. H. Townsend, secretary; P. T. Henderson, treasurer; Irwin W. Kenney, show secretary; T. M. Campbell, judge.

The Buff Rock is getting to be a most popular fowl, but we seldom hear of a breeder who has a better breeding line and who raises better Buffs than Judge J. C. Clipp of Sault Ste. Marie, Ind. His birds are large, with a clear, rich, golden buff, and he is the proud possessor of many ribbons and specials. If you are looking for Buffs that are Buffs write to Judge Clipp. He has had several years experience in judging and is competent to know a good bird when he sees it. He has also a few exhibition Giant Bronze turkeys, and if you haven't something mighty very fine and want to win at your show, better write the Judge.

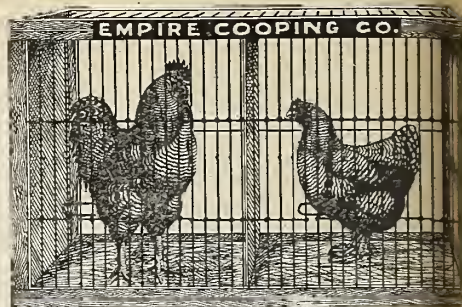
INCUBATOR OIL

You can increase your hatch twenty-five per cent by using in your incubators Soline Oil

No Smoke, no Odor, a perfect Oil, made from premium Pennsylvania Crude.

Orders filled from Knoxville and Chattanooga, Tenn., High Point and Greensboro, N. C., Baltimore and Cumberland, Md. Address

TENNESSEE OIL COMPANY,
K. & O. Ry. Knoxville, Tenn.



Pat'd Oct. 15, 1901.

EMPIRE Exhibition and Training Cages

For Poultry, Pigeons, Cats and Cavies.

A Specialty of Caging Winter Shows

State and County Fair Poultry Buildings.

Write for free illustrated catalogue of sizes.

EMPIRE COOPING CO.

Fultonville, New York.

WHITE ORPINGTONS

Nature's best utility fowl. Excellent layers, and truly good for all purposes. I have pairs, trios, pens or single males and females for sale at reasonable prices. Quality unsurpassed anywhere. My neat circulars give you a complete history and information. Send for it.

F. S. BULLINGTON

Box 3284

RICHMOND, VA.

See Treas. Am. White Orpington Club



Lighting Whitewash
Sprayer No. 28

Whitewash your poultry houses and stables rapidly. Kills lice. Spraying trees kills San Jose Scale. Double action pump. Sprays 30 ft. high. Brass extension rod, brass nozzles, ball valves. All brass \$3.50; Galvanized iron \$2.50. Cash with order. Express paid. Agents wanted.

D. B. SMITH & CO., Utica, N. Y.

QUICK DEVELOPMENT

is the need right now. Make strong, healthy winter layers of the pullets. Get early broilers and roasters and market fowls worth a price.

DARLING'S FOODS

are true developers. Surprising results from Darling's Forcing Food, 100 lb. sack, \$2.00. Also Laying Food and Scratching Food at \$2.00. Beef Scraps at \$2.75 and Chick Feed at \$2.50. Oyster Shells, 60c. Mica Crystal Grit, 65c. All in 100-lb. bags, f. o. b. Chicago or New York, cash with order. Catalog free.

DARLING & CO., Box 41, Union Stock Yards, Chicago. Box 41, Long Island City, New York.

PARALYSIS

LOCOMOTOR ATAXIA CONQUERED AT LAST BY DR. CHASE'S BLOOD AND NERVE FOOD. Write me about your case. Advice and proof of cure FREE. DR. CHASE, 224 N. 10th St., PHILADELPHIA, PA.

Rose Comb Rhode Island Reds

EXCLUSIVELY

NO PAINS OR MONEY HAS BEEN SPARED IN MATING MY PENS

Eggs \$1.50 per 15. \$8.00 per 100

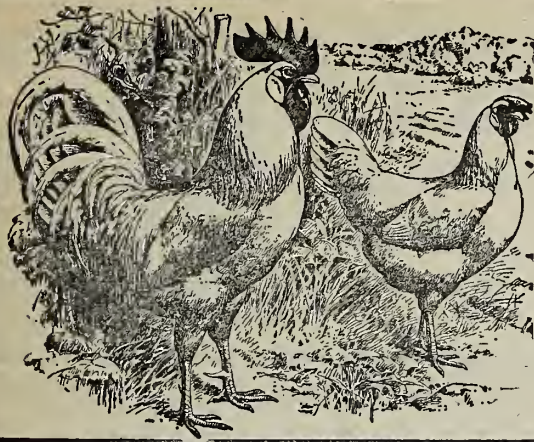
W. B. FARRIS, Pulaski, Tenn.

\$1.50 For 13 Davis' Barred Rock Eggs

For Balance of Season.

Write for show record and mating list.

B. S. DAVIS, CHARLOTTE, N. C.



WANTED

S.C. WHITE LEGHORN

Breeders, who wish to buy an exhibition Cockerel or Pullets this season, to know I have decidedly the choicest and most perfect lot of birds I have ever raised, and this is saying lots, for my birds SO FAR have never failed to win in any competition.

This season to show the confidence I have in the superior quality of my stock, I will sell all exhibition birds on a **GUARANTEE** to win in any competition. I don't expect to exhibit in many shows this season myself so all exhibition birds are for sale.

I have a very choice lot of breeders for sale ranging in price from \$1.50 to \$5.00.

As Egg Producers There Are None Better.

Remember, if it's quality you want I have it. Write

JOHN F. CHILDRESS, Box H, SWEETWATER, TENN.



Collie Puppies

I have a nice lot of Real Collies.
Imported Stock of Greatest
Winning Blood. Prices Right.

**Leghorn Cockerels out of Large Eggs.
White Wyandottes and Barred Rocks.**

Write for Catalog

W. W. KULP, Box 75, POTTSTOWN, PA.



- A - DEE FARM

J. A. DINWIDDIE, Prop.

S. C. RHODE ISLAND REDS

The great all purpose fowl. Layers, Broilers and quick growers.

—AND—

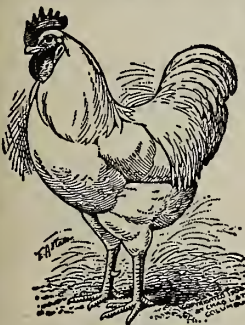
SINGLE COMB WHITE LECHORNS

The greatest Egg Producing variety known. Large, white eggs.

—STOCK FOR SALE—

Bred for high egg production. Unsurpassed in standard bred qualities.

J. A. DINWIDDIE, R. 3, NEW MARKET, TENN.



WHITE PLYMOUTH ROCKS FOR SALE

To make room for my young stock
I am offering for sale all of my

BREEDING STOCK

Consisting of fifty yearling hens
and five cock birds. Now is the
time to get something good cheap,
as they must go. Write today for prices

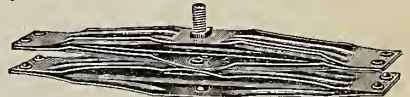
D. P. WALKER, Route 1, SWEETWATER, TENN.

HIGH CLASS SCOTCH COLLIE DOGS FOR SALE

Mr. Chas. A. Cyphers Wins Important Patent Suit

Friends of Mr. Chas. A. Cyphers will be glad to learn that the patent office has decided in his favor in the interference suit on his latest invention in regulators—the corrugated leaf thermostat. This gives Mr. Cyphers not only the most sensitive, but the strongest thermostat yet devised; a heat regulator that is absolute in its working.

This thermostat, like the old one, is composed of four leaves of metal having a greater co-efficient of expansion than the two pieces of steel to which they are riveted. Unlike the old thermostat, however, which was exceedingly sensitive, but easily damaged, the new thermostat, which has three corrugations in each leaf, is exceedingly strong and rigid, it is not easily damaged, and is so positive in its action that the entire movement given off by the greater co-efficient of expansion between the two metals is transmitted to the controlling device without any loss of movement.



In the old thermostat there were but two flanges, which under stress or pressure gave way slightly, so that the entire co-efficient of expansion was not transmitted, by reason of this slight bending or giving way. With the corrugated leaves there are six downward bends, and the double rib in the middle of each leaf, coupled with these downward bends, imparts to the leaves great strength. The zinc leaves, which have the greater co-efficient of expansion, are flattened in the middle, which leaves them much stronger at this point than in the old device, where the flanges were cut away, weakening the metal.

This patent gives Mr. Cyphers the control of the best regulating device that, probably, will ever be invented. Mr. Cyphers states that his incubator organization is stronger than ever this year, that he is even better equipped than before to turn out the high-class Model Incubators and Brooders, and that the volume of business already booked for fall and early winter delivery is twice as great as at this time last year. We wish Mr. Cyphers all the prosperity he so richly deserves.

The Hen in Alabama

Hayssen's Poultry Yards, Chunchula, Ala., have accepted the general Southern Agency for the Petaluma Incubator Co. and will have an exhibit at the state fairs at Montgomery, Selma, Birmingham and Jackson, and Columbus, Miss. THE INDUSTRIOUS HEN will also be represented by these gentlemen, and subscriptions or advertising space may be contracted for through them. They had an exhibit of water fowls at the Jeanerette, La., fair and won first on old drake and young duck, and 2d on old duck and young drake. The dates for the fairs they will attend are as follows: Birmingham, Oct. 7; Selma, Oct. 18; Columbus, Miss., Oct. 22; Montgomery, Oct. 24; Jackson, Nov. 5.

S. C. BLACK MINORCAS

Stock and Eggs at all times.

MERRELL CARLTON, COLLEGE PARK, GA.

GLENVIEW ORPINGTONS

To reduce stock, I will sell 75, 1 and 2-year-old hens this month. These were all used for breeding purposes this season, and are capable, with proper mating of producing show birds as good as any. The price will be \$1.65 each, and will be shipped to customers as orders are received. The first customers get the best birds, and if you are not satisfied when you receive them, ship them back.

B. S. HORNE,

Keswick, Virginia

Prepared to Handle More Birds

Ninety additional coops have been ordered made by the executive committee of the East Tennessee Poultry Association for the third annual show to be held in Knoxville January 7 to 11. This will give room for about 500 more birds than exhibited last year. The effort of the committee is to make this show the largest ever held in Knoxville.

At a recent meeting of the committee, work on the premium list and special prizes was taken up. It is the object of the committee to have all copy in the hands of the printers between October 1 and 10, so the catalogues for the show can be mailed to the poultrymen all over the country on November 1, that they can make their arrangements to come to the Knoxville show. The prizes and premiums of the show will be better and larger than they were last year and no pains will be spared to make the show one of the best ever in the city of Knoxville.

Cincinnati Show

The Cincinnati Poultry and Pet Stock Co. have fixed the time of their show for January 14 to 18, 1908, and have elected as judges Loring Brown, of Atlanta, and Geo. Ewald, of Cincinnati. Cincinnati being the most accessible northern city to the South no doubt many of our breeders will want to go over the border into the Queen City, where they will, no doubt, be warmly welcomed and fairly treated. Mr. Julius Friedhorne, 139 W. Sixth St., the accommodating secretary, will be glad to send catalog or give any further information.

Change of Address

Having purchased a farm near Nashville, Tenn., I am now located there and am in better shape and can supply my many customers with more and better Wyandottes than ever. Nashville is a much better shipping point and I can secure for my many Southern customers, as well as Northern, a better rate and quicker shipments. Remember the address.

R. E. JONES, Nashville, Tenn.
(Formerly Paducah, Ky.)

Otto Barth, whom many of our readers will remember as former manager of the Sure Hatch Incubator Company, at Clay Center, Nebraska, has severed his connection with that company and acquired an interest in the Queen Incubator Factory at Lincoln, Neb., becoming its secretary and general manager.

Mr. Barth's work with the Sure Hatch Company has proven him to be one of the foremost incubator men in the country. His success as an incubator manufacturer is due to his thorough knowledge of poultry raising for profit, gained in 20 years experience, his inventive talents, his mechanical ability, his wide knowledge of the general business world and his inflexible honesty in all his dealings with his customers.

His actual personal experience in experimenting to develop successful incubators and brooders has been more extensive, perhaps, than that of any other man now in the business, and the results he has accomplished stand as indisputable proof that he knows how to make hatching and brooding machines that can be depended upon to do their work and make money for their users.

Taken together, Mr. Barth's experience and clean business record, and the splendid success thus far achieved by the "Queen" Incubator Co., is sufficient warrant for us in saying that our poultry raising friends will do well to bear in mind this company and get in touch with them by sending for their new free catalog and getting better acquainted with the Queen machines and the Queen's way of doing business.

Mr. Barth is an entertaining and instructive catalog writer and his new book will be found helpful in many ways to every one who raises poultry, whether beginners or old experienced hands at the business.

You can lose nothing by sending for the new "Book of the Queens."

Godden's Guaranteed Sore Head Cure

Cures Sore Head, Kills Head Lice
Cures the Scaly Leg on Chickens.

Full directions with each package. Guaranteed to give satisfaction. For only a small cost you can prevent losing numbers of dollars in poultry. Price 25c per package, postpaid.

Address

AMZI - GODDEN SEED CO.
Birmingham, Ala.

Write for our complete poultry supply catalogue

Do You Want WHITE WYANDOTTES

—IF SO GET—

PARKINSON'S

They have won more prizes wherever shown than any other strain. See their record at Chicago, Ill., Dallas and Marshall, Texas, Shreveport, La., Mobile and Montgomery, Ala., Jackson, Miss., and Augusta, Ga., in 1904, 1905, 1906 and 1907.

OCEAN SPRINGS POULTRY FARM

Box D

Ocean Springs, Miss.

DOAK'S WHITE WYANDOTTES

WON AGAIN AS USUAL

At NASHVILLE Sept. 23-28, 1907: 1st Pen, 1st Cock, 1st Hen, 2d Pullet,
\$25 Cash Prize--BEST PEN IN SHOW, ANY BREED

E. L. DOAK, Greenwood Ave., NASHVILLE, TENN.

THE OAKS—FINEST ON EARTH

Has a circular that you ought to have. A postal is all you need to get it. You will learn all about my White Plymouth Rocks and Columbian Wyandottes. Yours for good goods,

THE OAKS, Clarence F. Bruton, Prop., Lock Box 337, SIKESTON, MO.

BARRED, BUFF and WHITE PLYMOUTH ROCKS

White Wyandottes, White Minorcas, White Leghorns and
Mammoth Pekin Ducks, \$3.00 each, \$7.50 for Trio, \$12.00
for Breeding Pen. : : : : : Catalogue Free.

EAST DONEGAL POULTRY YARDS

EDWARD G. NOONAN, Proprietor, MARIETTA, PA.

MARION FARM, SMYRNA, GA.

LOUIE AND FRED BROWN, Owners
BREEDERS OF



Buff Wyandottes, Black Minorcas, B. B. Red
Game Bantams, Buff Cochins Bantams, Pekin
Ducks, Scottish Terrier Dogs and Berkshire Hogs

Nothing but the best kept here. Write us your wants

POSITIONS SECURED or Money Back

CONTRACT given, backed by \$300,000.00 capital and 18 years' SUCCESS

DRAUGHON'S PRACTICAL BUSINESS COLLEGES

28 Colleges in 16 States. Indorsed by business men. No vacation

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THE \$1.00 YALE ADDING MACHINE

will add your accounts accurate and quick. Endorsed by Postmasters, Merchants, Business Men everywhere. Satisfaction guaranteed or Money back. Write for testimonials and particulars to-day.

YALE MFG. CO., NEWARK, N. J.

Hatch Chickens by Steam

with the

EXCELSIOR INCUBATOR

or WOODEN HEN



Send for free Catalogue.

Economical and perfect hatching. Absolutely reliable and self-regulating. Thousands in use to-day. GEO. H. STAHL, Quincy, Ill.

NORTON'S

WHITE PLYMOUTH ROCKS

CONTINUE TO WIN

After winning fifty-one ribbons at six leading shows in 1906-'07, I won again at State Fair.

A Limited Number of

FINE YOUNGSTERS

White as snow, great in quality, for sale; raised in my own yards. EGGS IN SEASON.

J. O. NORTON

East Sta., Nashville, Tenn.

THE INDUSTRIOUS HEN

MODEL



Incubators and Brooders

I can help you make a success in the poultry business, whether it's a hundred hens for your own table supply or fifty thousand layers for large commercial purposes. My experience has been so broad, so varied; I have "come up against" all the "ins and outs" of hatching, brooding, feeding and marketing of poultry that many say I am an authority on profitable poultry-raising. As a proof, my Model Poultry Farm was a profitable success in six months. I now have poultry there numbering

80,000, Hatched and Brooded

in my famous **Model Incubators and Brooders**. Buying your incubators and brooders of a man who knows nothing—or very little—about hatching and raising poultry is running a useless risk. Don't do it. I not only sell you a Model Incubator or Brooder but I add to them the valuable experience of years as shown in their construction. Model Incubators show excellent hatches—hatch every hatchable egg. The Model Brooders grow sturdy chicks. **Remember**, my interest in you doesn't cease when I ship you a machine and get the money. You buy a part of my time and are cordially urged to write me and ask all the questions you wish. I'll stay by you. Send your order today and get in line with the profit-getters. Free catalog for everyone.

CHAS. A. CYPHERS, 332 Henry St., Buffalo, N. Y.

PORTER-GEORGE POULTRY CO.

KNOXVILLE, TENNESSEE

—AGENTS FOR—

Chas. Cypher's Model Incubators, Brooders and Feeds

Goods carried in stock sold f. o. b. Knoxville.

Eggs of Barred Plymouth Rocks, White and Brown Leghorns for Sale.

The KNOXVILLE STORAGE CO.

SOLE AGENTS, 123 Jackson Avenue, KNOXVILLE, TENN.

CARRY FULL LINE CYPHERS' INCUBATORS AND BROODERS.

Special Offer during October Only, Four No. 3 Cyphers' Incubators for Cash.

D. R. MAYO

625 GAY STREET, KNOXVILLE, TENN.

Poultry Supplies, Field and Garden Seeds

DARLING'S FEEDS. BEEF MEAL, BONE MEAL, SHELL AND GRIT.

A full line Prairie State Incubators and Brooders. Write me your needs

SOUTHERN FARM LOCATIONS AND INDUSTRIAL INVESTMENTS

GRAIN FARMS
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In the States of

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FINE CLIMATE, GOOD MARKETS, AMPLE RAINFALL, CHEAP FUEL

OPENINGS FOR INDUSTRIES

Lumber Lands, Coal Lands, Stone Lands, Iron Ore Lands

FACTORY SITES

In Close Association with Water Power, Fuel and Raw Material.

Information about any part of the South and any kind of business furnished free by addressing M. V. RICHARDS, Land and Industrial Agent, Washington, D. C.; W. L. HENDERSON, Southern Agent, Equitable Bldg., Atlanta, Ga.

Headquarters for
Poultrymen

HOTEL IMPERIAL

Knoxville's Most Modern
and Up-to-Date Hotel

LONG DISTANCE PHONES
IN EVERY ROOM

Rates \$2.50 and up. Rooms
with Bath, \$3.50 and
\$4.00 per day

AMERICAN PLAN

100 YOUNGSTERS FISHEL WHITE ROCKS

A Fine Flock, Good in all Points

Nice breeding cockerels at \$2, \$3 and \$5 each, with a few exceptionally fine ones at \$8 and \$10 each. A few pullets at \$2 and \$3 each, with a very few extra choice ones at \$5 each. Toulouse Geese \$5 each; \$12 per trio. Bronze Turkeys \$6 each; \$15 per trio. Also a few hens at \$2 and \$3 each.

Write me, I'll treat you right.

PLUMMER McCULLOUGH

Box A,
MERCER, PA.

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DO YOU WANT TO
BUY, SELL OR TRADE

A Farm, Ranch, Residence, Business or any kind of Property anywhere on earth? If so, we can help you. "The World" is the great national real estate and farm paper, and its columns are filled with bargains for Buyers, Sellers and Traders. Send 75c for a year's subscription and we will give you a 25-word ad. FREE two months. Try it. 3 mos. trial subscription 10c. Tell us your wants and get our advice. Address, FARM AND REAL ESTATE WORLD, 400 Cleveland Ave., Chicago.

VIRGINIA HOMES

You learn all about Va. lands, soils, water, climate, resources, products, fruits, berries, mode of cultivation, prices, etc., by reading the VIRGINIA FARMER. Send 10c for 3 months subscription to

FARMER Co., Box 683, EMPORIA, VA.

SINGLE COMB BUFF LEGHORNS

Eggs from five grand pens, containing the cream of the best birds raised the past few years. This is a grand opportunity to get your foundation stock at a very little cost to you. Send for our 1907 mating list. Eggs \$3 per 13, \$5 per 26.

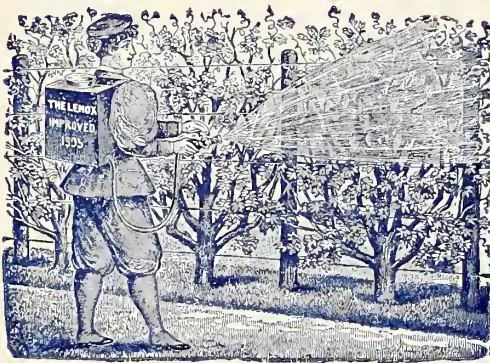
B. S. BEVERLIN, Box D, MT. MORRIS, N. Y.

**WHAT WE SAY
WE DO**

WE DO DO SEASON IS LATE

**WE MUST UNLOAD
JUST WHAT YOU NEED FOR YOUR HEN HOUSE**

**Lenox Improved \$3
Sprayers**



TWO FOR \$5. GIVE YOU BENEFIT OF THE SEASON

**This is the Regular \$5 Sprayer. Prompt Shipment Guaranteed. Delivery in Twenty-four Hours
A WOMAN CAN USE IT**

Nothing can enter to bother you. Holds 24 quarts, built of Apollo brand galvanized iron, never rusts, fits the shoulder, has a bale handle, can be carried by hand if desired. MADE TO WEAR and to work. Spraying device can be disconnected at end of flexible tube, and instantly attached to any other vessel—pail, tub or barrel. The spray is produced by a rubber bulb, made of the best quality rubber, expressly to produce that forcible spray. Two valves within the bulb and a nozzle do the work. Impossible to get out of order. Press your thumb upon the bulb, you get your spray. Stop your pressure and you stop the spray. Pumps every drop out until empty. No air pump business—no stopping every few minutes to pump air—or to SWEAR.

\$3.00

2 for \$5

Just Now!



**A Woman
Can Use It**

Lots of times you can use a knapsack when you cannot a barrel pump. Handy at any place.

LET JOHN sling it on his back, with strained lime milk, white-wash the hen house; the spray will get into all crevices and cracks; the old hen, the rooster and the whole chick family will crow and bow to you with thanks. Lend your hens the \$3; they will pay it back to you with GOOD INTEREST, and with nice fresh eggs, and several times over.

SPRAY THE COW, the stable and wherever cleanliness pays.

AT THIS TIME of the year when the cattle suffer from the sucking pest, keeps the cow poor and shrinks her milk, spray the cow, particularly around and between the horns, over her spine, and in the hair, where the lice breed and suck the blood. The cow will lick your hand and give you more milk and better quality for it.

These Little Blood Suckers. Could poor cow talk she would tell you a pitiful story about her agony, about her scratching, and her trying to reach with her teeth her itching sides, why she scratches so much against the fences, and why the people complain so much about her milk. But poor Betsey, she can't talk. When the cow turns her head, looks at you pitifully, switches her tail, speakingly, it would mean, "Can't you help me?"

WERE the Hens and Roosters called upon to testify to the sufferings, they would soon tell you WE HAVE OUR OWN TROUBLES

A SMALL CAN "SURE DESTRUCTION" to San Jose scale will be sent free with each sprayer (mix with 50 to 100 parts of water). Use as a spray; excellent to destroy all infestations to live stock and all living nuisances in crevices and cracks, whether in the trees, stable or hen house.

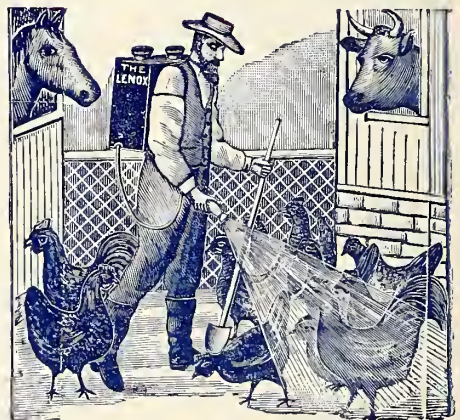
This is the Sprayer, \$3.00—Two for \$5.00

Actual price is \$5, but season now a little late, we rather sell at \$3 than wait for next season to get \$5.

You will never get a Lenox for \$3 again. If you want one or two, DON'T TALK LONG. Send in your Express Money Order. No lengthy letters necessary; no explanations needed. We will know what you want and that you want it quickly, too. But give us your address very plain. EXPRESS RATES FROM NEW YORK ARE LOWER THAN FROM ANY OTHER POINT. Remit by Express Money Order. No checks if you are in a hurry.



I. H. LENOX SPRAYER CO., 511 SIXTH AVE., Bet. 30th & 31st St., (Herald Sq.), NEW YORK



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